AN

EPHEMERIDES

OF THE

Cœlestiall Motions for VII Years,

Beginning *Anno* 1652, ending *Anno* 1658.

Diligently calculated according to the Doctrine of *HARMONICON COELESTE*, and applyed to the Horizon of the famous City of *LONDON*:

Whose { Longitude / Latitude } *is* { 21d 00' / 51 32 }

With a briefe INTRODUCTION to the use thereof.

By VINCENT WING, *Philomath.*

1668 Sep 20 obiit

Cœli enarrant Dei fortis, & opus manuum ejus indicat expansum eorum. Psal. 19. 1.

Ῥᾶον μωμήσασθαι ἢ μιμήσασθαι.

LONDON,

Printed by ROBERT and WILLIAM LEYBOURN, for the Company of STATIONERS: 1652.

Si vis celsi jura Tonantis
Purà solers cernere mente,
Aspice summi culmina Cœli,
Illic justo fœdere rerum
Veterum servant sidera pacem.
Non Sol rutilo constitus igne
Cælidum Phœbes impedit axem.
Nec quæ summo vertice mundi
Flectit rapidos Ursa meatus.
Numquam occiduo lita profundo
Cætera cerneus sidera mergi
Cupit Oceano tingere flammas.
Semper vicibis temporis æquis
Vesper seras nuntiat umbras,
Redditq; diem Lucifer almus;
Sic æternos reficit cursus
Alternus amor: sic astriferis
Bellum discors exulat oris.

Boëtius lib 4. de consol. Philos. metr. 6.

CLARISSIMO
VIRO
THOMÆ WAITE
ARMIGERO MILIT.
Rutlandiæ
PARLIAMENTI
ANGLIÆ MEMBRO,
AUTHORISQUE PATRONO,
ET AMICO SUO DEVOTE
COLENDO:

EPHEMERIDES
HASCE SUAS
ASTRONOMICAS
IN FAVORIS SUI COMMEMORATIONEM
HUMILITER.
D. D. D.
Vin. Wing, *Philomathematicus.*

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ASTRONOMICAS

IN FAVORIS SUI COMME-

MORATIONEM

TUMILITER.

D. D. D.

Vin. Wing. Philomathematicus.

HEre present thee with an *Ephemerides* of the Cœlestial Motions for 7 yeers, not a Transcript, but a Calculation *de novo*, which I intend to continue, (God permitting) for 20 yeers, being induced unto this labour, partly by the want and necessity of *Ephemerides* amongst us at this time, and partly because the most of those in being, are derived from corrupt and muddie Fountains, but above all, when I considered the great labour and industry which other Nations use in all Arts and Sciences, especially in *Astronomie*, and how slack our Nation is (though inferiour to none, I suppose, in learning and knowledge) I thought my selfe obliged to do something of this nature, and to make my native Countrey partaker of the fruit and benefit of my painful studies and endevours, considering that man is not born onely for himselfe, (as *Cicero* declares in his *Offices*) but partly for his Country, partly for his Parents, & partly for his Friends. But sure I am, that this his counsell is of very few regarded, most men now a days seek how they may profit and advance themselves; (making Earth their principal ayme) that they may seem to excell others, and out of their blinde and depraved judgments, think that time and labour lost, that is spent upon this royall and most excellent Science, yea with the Aristippusses of our time, had rather bestow it on idle sports and pleasures. But these kinde of men, did they but consider truly the incredible profit and excellencie of the Art, it would doubtlesse drive them upon other principles, and make them acknowledge the omnipotence and majesty of God to be seen in his Creatures, who by their transcendent beauty and lustre, and constant order, doth lead us

to

to the knowledge, contemplation, and admiration of God, the ſole *Architect* of this admired Fabrique, witneſſeth the Apoſtle *Paul, Rom.* 1. 20. *Inviſibilia Dei à fundamentis mundi, in creaturis ſuis, per intellectum conſpiciuntur, &c.* which the Kingly Prophet *David*, egregiouſly teſtifies, *Pſal.* 19. 1. *Cœli enarrant gloriam Dei, & opera manuum ejus annunciant firmamentum.* And what indeed can be more excellent to behold, then the Harmonie of the Cœleſtial Motions, ſo that *Ptolomie* not unworthily, (in the beginning of his *Almageſt*) affirmeth, *hanc unam ſcientiam eſſe viam ac ſemitam ad ſciendum Deum Altiſſimum.* Whence it is that this Science (mounted above the reach of envie) hath found reſpect amongſt the judicious, even in all ages from the Creation of the World, inſomuch as Hiſtories report, that the ſons of *Seth* were the firſt Propagators of this Science, yet ſome teſtifie that *Atlas* King of *Mauritania* was the firſt that diſcovered the Courſe and Motions of the *Sun*, *Moon*, and other *Planets*; and put ſuch things as he had invented, in writing, and afterwards communicated the ſame to his Scholer *Herculis*, whom as ſome Hiſtorians relate, brought the *Sphære* into *Greece*, whereupon aroſe the Fable: *Atlantem Herculis auxilio Cœlum ſuſtinere humeris.* Of which *S. Auguſtine* ſpeaks, *Lib.* 18, *de Civitate Dei*, and *Diodorus Siculus*, *Lib.* 4. but I rather adhere to that famous Hiſtoriographer *Joſephus*, *li.* 1. *chap.* 3. *de Antiquit. Jud.* where he attributes the ſame to the ſonne of *Seth*, but leaving to ſpeak of the firſt Inventors of it, we finde many admirable men to have been famous therein in all ages, eſpecially this laſt age is to be wondered at, as producing more admirable and rare Diſcoveries in the admired frame and *Machina* of the viſible World, then any before had done, whereby the Cœleſtial Motions are well reſtored, inſomuch that for many yeers to come, we are enabled to deſcribe and point out

ad Punctum, their true motions and places in the heavens according to those laws nature hath assign'd them, which could not be done to many degrees before the time of *Copernicus*, who by his great pains & industry discovered the *Genuine Systeme* of the World, yet for want of fit Instruments he could not attein his desire, although he hath more perfectly rectified their motions then any of his Predecessors, so that till the time of *Tycho* and *Kepler*, there was no absolute restauration made; the latter whereof by his incredible industry and sagacity of apprehension, found out the exact proportion and amplitude of all the Planetarie Orbes, proving the Sun to be the *Focus* and *Center* of the World, whereby Appearances are truly represented, and the *Art* freed from a multitude of fictions, and imaginarie Circles and Motions, and Devices of mans invention, which being now wholly taken away, we may behold every Planet in a most stately & harmonious order, tracing about his Ellipsis, and making his Revololution in a due proportion of time, corresponding to the Amplitude and Perimeter thereof, thereby verifying the saying of *Aristotle*, *lib. 2. de Cœlo cap.* 10. *Nihil magis esse consentaneum rationi, quàm ut respondeant cujusque Planetæ tempora conversionis, ejusdem altitudini, seu orbis amplitudini*: Which is an undeniable truth, and cleer in the *Copernican Systeme*, according to which *Hypothesis*, I have in *Harmonicen Cœleste*, deduced an exact *Theorie* of the Planets, and composed new Tables of their motions, from which I have calculated the *Ephemerides* I here present thee with, not doubting but thereby, the certainty of those Tables will not a little appear. And I desire all those that affect the noble servcie of *URANIA*, and have fit Instruments, that they would make diligent observations of the motions & places of the Planets, but especially of the Planet *Mars*, in his *Achronical-Phases*, which doubtlesse wil not a little be-

neht

nefit Posteritie in the further rectification of their motions.

To conclude, 'tis my ayme and ambition to be serviceable to my Country-men and Friends, which at present I know no better way to perform, then to publish a new *Ephemerides*, from the most approved grounds and *Theories* of *Astronomie*, not doubting, but the ingenious Reader will kindly accept thereof, which will not a little encourage me to prosecute my further intended labour in this kinde, whereby I may either silence those Counterfeits now extant, or at leastwise correct their false Reductions yearly published, to the great abuse of this noble Science, and the disparagement of all true lovers of Art and Learning. And lastly, how is it possible for the *Astrologer* from such uncertaine grounds, to draw any artificial and practical experiments, touching future contingencies? Though in it selfe the Art is laudable, and hath a great deale of truth and verity in it, as experience teacheth.

In the *Introduction* I have written with much brevity, yet have concealed nothing, that I thought requisite or needful. In *Astrological Observations* I should have been more copious, but that I hope my learned and truly honoured freind M. *John Booker* will undertake that matter, he being a man to my own knowledge, of singular judgment and integrity, and famous in that kinde of learning: Neither do I think M. *Lilly* inferiour in point of Art, those many and learned Tracts he hath already wrote being evidence and sure proof of his abilities.

I have no more to acquaint thee with now, but to tell thee, that if the First Part finde thy candide acceptation, it shal not be long ere I present thee with the Second Part thereof, in the mean time, I rest ready to do thee any favour I can.

From North-Luffenham in Rutland, March 1. A.C. 1651.

Vincent Wing.

In eruditum Autorem *Vincentium Wing*, ejusque præclara opera Astronomica.

Sublimes animæ, Cœli nativa propago,
Quêis datur in superas hinc remeare domos.
Astrorumque Choro sese immiscere perenni,
Abdita & æterni discere jura Poli.
Stellarum anfractus Solis, Lunæque labores,
Flammarumque globos dinumerare vagos.
Et sibi congeneres rimari luminis oras;
Inque abacum miris inde referre modis.
Oh quàm sidereos, saltus, camposque micantes,
Traiicere, & lucis, pascua amœna juvat?
Scilicet, & curis, pariter vitiisque jocisque:
Altius humanis exerurêre caput.
Illorum, nec luxuries sublimia fregit
Pectora, nec tumidi jurgia rauca fori,
Hæc Chaldææ tuæ fuit, olim gloria gentis.
Hæc ævi veteris sunt monumenta tibi.
Indè Rhodum sæclis volventibus advolat, aucta
Hipparchi mira cælitùs arte senis.
Dein lustrare tuos tellus Nilôtica fines;
Antistes ingens en Ptolemæus ibi.
Hinc Syriam petit, inque vicem succedit Aracta,
Magne Albatagni nomine clara tuo.
Occidua tandem, mutato Cardine plaga
Gaudet, & Hispanum pervenit usque solum;
Usque solum, & solium; magnum jam nacta patronum;
Alfonsum regem; purpura & arte parem,
Illinc Teutonicas sese diffudit in oras.
Et statim multa lampade clara micat.
Purbachius; Regis notus de Mente Joannes.
Scrutator Celsi magnus uterque Poli.
Hos sequitur Magnus, magnique Copernicus ausi,
Solem stare jubet; Terra per alta volet.
Excipit hunc Magnum Cœli de lumine lumen,
Nobilis ille Tycho, machina, & arte gravis.
Hinc Keplerus, & hinc alii longo ordine summi
Succedunt Proceres; jam satis ampla seges. De-

Demùm, ſera ſicet noſtras pervenit ad oras
Urania Aſtrigenas Cœlica jura docens.
Sidereæque domus tibi quem ſacrârat alumnum
Vincenti valvas ſtatim aperire jubet.
Inque Adytum ſenſim ducit, dein cuncta recludit
Arcana, & tandem talia dicta dedit.
Ecce tibi claves Aſtrorum, Maximè Myſta.
Edoceas gentem ſidera noſſe tuam.
Omnia ſtellati reſeres Myſteria Cœli;
Cœli quippe tibi pagina tota patet.
Hinc tuus in tantum Genius ſurrexit acumen:
Hinc tam ſolerti Cognitione vales.
Hinc omnes aditus lati venaris Olympi;
Flexuras omnes; Multiplicesque vices.
Hinc tibi tantus amor Cœlos deducere terris.
Et totos tenui ludere in effigie,
Inclyte vir pergas ſublimia querere; ſed quæ
Ultra Stellarum Culmina quære magis.

Luſit hæc in Valle Avonenſi R. R.

Ad peritiſſimum hujus operis Autorem,

Vincentium Wing, Carmen.

QVàm tibi ſublimes curæ! quàm fortis ut Atlas
Tu cœleſte mihi ferre videris onus!
Non tamen eſt oneri tibi verò pulcher Olympus
Quem vigili lætus volvere mente ſoles.
Tu volitas inter volitantia ſidera, motus
Dum celer eſt illis, non tibi grata quies;
Splendida ſtelliferi pandis penetralia mundi,
Leges ſidereas, ſidereaſque vices;
Acri judicio, & penetranti mentis acello
Tempora tu fœlix multa futura vides.
Perge ſerena Polo mens ô cognata ſereno,
Ætheris, & lucem dans, imitare faces:
Ars tua noctivagis adſit ſeu Cynthiæ pleno
Orbe nitens animis, ſit ſine labe tamen:
Vel quaſi Phœbæo ſplendeſcat lumine, noctem,
Quæ nimis involvit pectora cæca, fugans.

E. S.

To the *Learned* and *Ingenious* *VINCENT WING*,

On this Incomparable PIECE.

HE that to veiw Cœlestial things would soare,
Must borrow feathers from thy bounteous store;
To *Imp* his feeble *Plumes* withall; and he
Thy prayse would write must have a Quill from thee:
Thou fruitful *WING*! for thine *VALANTICKE* pen
Supports the *FABRICK* which some *ANTIQUE* men,
(Not looking further then *TRADITION*) had
Sought to demolish or with *ERROR* clad:)
And freely when th' hast undergone the Pain,
Imparts the labours of thy *PREGNANT* Brain
To others; whose Affection doth them draw,
To love and serve the fair *URANIA*;
INGENIOUS Soul! I wish my pen could rayse
A *MONUMENT* might magnifie thy Prayse.
But that's an *HERCULEAN* task; yet thine
Own *WORKS* have done it; thus thy Prayses shine
Best from thine own *ATCHEIVEMENTS*; and (lest I
Shadow thy *PRAYSE*, with my obscurity.)
I will be silent; let who list Aspire
To speak thy prayse; I rather will *Admire*
Thy Matchlesse Art; which with unmated Glory,
Hath crown'd thy *NAME*; and speaks a living Story,
Of thy great worth; since first the *WING* of fame
Took flight, to give us notice of thy *NAME*.
Traditions solid *ORBS* are turn'd to *Aire*;
Yet hast thou found the *PLANETS* motions there.
'Twas boldly done of thy undaunted Soul,
That durst an *ANTIQUE ERROR* thus controul.
How ponderous *SATURN* plods, and what designes
He plots, (thou see'st) as he moves through the *SIGNES*.
And *JUPITER*; Thou canst discern his ways,
And how he helps us, with his friendly *RAYS*.

Nay, *MARS* thou noteſt too, and *VENUS* ſhal
Not joyn with him ; but thou'lt diſcover all.
Thou (*WING*) (when nimble *MERCURY* doth flie,
Purſueſt him ſwiftly through the *AZVRE* ſkie ;)
Obſerv'ſt his motion ; and *LVCINA*'s too,
(*ENDYMION*-like) Although (as ſhe will do)
She *CHANGE* her ſhape ; thou know'ſt her; and her ways
Are Obvious unto thee ; this ſpeaks thy *Prayſe*.
Then let the envious tongues of *MOME* and *ZOYLE*
Say what they pleaſe. Thy Art ſhal give the Foyle,
To black-mouth'd Envy and baſe Ignorance ;
And far above their *CENSVRE*S, ſhal advance,
Thy wel-deſerved Fame and Prayſe. We know
It was the Aſſe, that did commend the Crow.
Beyond the Nightingale ; Though ſuch a *ONE*
Should be your Enemy, yet ſtill go *ON*.
For which your Name deſerves to be Inrol'd
Not in courſe Paper, but Rich Leaves of *GOLD*.

John Rowly Philomath.

To his Friend the *Author*.

TO praiſe thy *Work*, or fully to commend
What with laborious pains thou here haſt penn'd,
Paſſeth expreſſion ; *Words* are not of worth,
Lively to ſet thy *ſtudious Labours* forth;
Thou teacheſt to review *old Time* that's paſt,
And count *new time* while this *old World* doth laſt.
In ſuch pure ſtudies *worthy Friend* perſiſt,
Let *carping Critticks* chide, and brawle their liſt ;
Their poiſon'd *malice* onely ſnarls at thoſe
Who honour *Vertue* and to *vice* are foes.
When *Death* ſhal lodge their *Names*, and *Corps* ſhal rot
In *Sables duſt*, and they of *Friends* forgot,
Thy *memory* with *Learned Men* ſhal laſt,
Till the *late evening* of the *World* be paſt.

W. L.

Courteous Reader,

MY remotion from the Presse being at least 70 miles, hath occasioned some literall faults, notwithstanding I have diligently examined the printed sheets weekly, insomuch that there is scarcely an Erratum hapned but I have met with it, the principall whereof are here noted, which appear so great because there is three or four directions given (as Year, Moneth, Day, &c.) for the finding of every of them, yet the number of faults is not very great, nor are the most of them very materiall, and therefore I desire thee, before thou readest, courteously to correct them as followeth.

In the Introduction

Chap. 1 l 2 r *ab ἐνὶ & ἰμέρου*, p 2 l 10 r 1 6 11 16 21 & 21 dayes. p 3 for *worcester* 53 20 r 52 20. *Cap* 6 p 6 l 17 r this Table following. *Cap* 8 p 4 l 18 *insert* and. in Tab RA ☉ in col♎ for 303 22 r 307 22. in Tab Hous. p 2 against 43 in 3 hous r 11 8 l fol r 11 59 & against 492 hous r 21 51 & against 178 in 2 hous r 29 39 *Cap.* 11 in figure of houses insert ☿ & ☽ in 6 hous. in Tab Ellen dig. against ♌ in col 7 r ♃ 25 and col 1 against ♎ r ♀ d. p *ult.* ver 10 r *suppositum*.

In the Ephemeris.

Anno 1652 In calc of ☉ eclipse for *March* 28 21 55 39 r 28 21 55 49. In scheam ☉ in ♎ f 9 8 8 16 r 9 8 18 16. *Janu* 5 d r ☌ ☉ ♄ 8. *Feb.* 8 r lat ☾ 4 55, & d 6 r ☌ ☉ ☿. *Mar.* 16 d r ☌ 25 19. 6 d r lat. ☿ 1 17. *Apr.* 19 d col ♃ insert R. 1 d r SS ☌ ☿ 21 d col ☿ r □ *May* 10 d col ☾ r 26 8. 15 d r lat ☾ 5 1 & 23 d r 1 19 30 d r ☾ 28 49 ♋ & 11 d r ☌ ♀ 27 d insert ☌ Orient. *Aug.* 14 d r ☿ r et. in SS ☉ 23 d col ☉ r ♑ 10 41. *Septem.* 7 d col ☉ r ☌ 6 25. *Oct.* 6 d c ☿ inf D 11 d r SS ☿ ♀ *No.* 1 0 d r ☾ 1 2 ♌. 13 d c ♄ inf. R, *De.* 1 d. ♀ ♃ ♀

Anno 1653 In fig. ☉ in ♈ r 27 47 in hous. & earth ♈ 1 8 8 34 1 A. *Janu.* 20 d r ☌ ☉ ♀ & Eq ♄ ♀. *Feb.* 13 d ☾ 9 27 ♑. 17 d *dele* ☌ ☿ ♀ 23 d c ☉ r □ 20 45. *Mar.* 2 d r lat ☾ 1 40 11 d c lat ♀ inf. D. 3 d ☌ ☉ r ☌ 1 5 47. 10 d r Bq ♄ ♀. *Apr.* 4 d r △ ☌ ♀ 2 ☌ ☉ ♃. 5 d r Bq ☉ ☌ Vc ☌ ☿. 11 d r ☾ ♃ 6. *May* 23 d c ☿ r □ 6. *June* 19 d r Vc ☌ ♀. & 23 d r S ☉ ♄ in c ☿ r △ 4 □ 10 ✶ 17 d ☌ 15 □ 7 △ 3 ☌ 20 *July* 21 d r lat ☾ 3 28. *Aug.* 4 d c ☌ 1 56' 31 d r lat ☾ 3 51. 16 d c ♄ ✶ 13. *Sept.* 7 c ☿ r 14 27. 16 d c ☊ r 12 5 & fol 12 2. *Octo* 27 c ☿ r 16 6. 19 d r SS ☉ ☿ & 10 d 1 ✶ ♃ ♀ 29 d c ☿ r △ 15. *Nov.* 22, 23, 24 d r ☾ 10 ♉ 36'

25 42,10 ♊ 15 c. 3 d r ☋ *Nov.* 10 d inf. ☿ ☊ ☉. 17 d r △ ♄ ☿ 12. *Dec.* 28 d c ☌ r ☍ 0.

Anno 1654 *Ian.* 9 d c ☌ r 21 55. 10 d r ♋ 57. *Mar.* 26 d in col. lat. ☿ D & r ☌ Occ. 17 d c ☉ △ 7. *Apr.* 1 d r ☾ 8 ♎ 17 d r ♑ 15 ♐ 20 d r ♄ 19 46 ♌ 21 d r ♅ 15 50. 23 d r ☉ 13 10 3 d r ☌ ☿ 7. *May* 7 d c ☿ inf. D. 16 d r lat. ☾ 3 30. *Iune* 1 d r ♄ N 1, ☿ S A. 6 d r ☊ ♅ ☿. *Iuly* 6 d c lat. ☿ inf. D. & r ☿ Orient ☿ Occid. 10 d c ☌ r □ 19. 19 d r ☌ ♄ ☿ 7. *Aug.* 2 d r ☍ 25 8. 11 d r ☿ 17 47. 12 d r ♃ 20 49. 14 d r ♄ 15. 24 d r ♄ 31. 26 d r ☿ 29 32. 17 d c ☉ r ☌ 10 46. *Sept.* 30 d r ♄ 5 52. 1 d r lat. ☿ 6. *Octo.* 24 d c ☾ ♋ 3. 16 d r lat. ☿ 0 40 *Novem.* 15 d r ☌ 18 58. 16 d c ♄ r ✶ 6. *Decem.* 29 d r ☾ 16 37.

Anno 1655 *Ian.* 1 d r ☾ ♐ 6 d r ☾ 8 ♉ 35. 12 d r ☾ ♍. *Feb.* 3 d r ☌ 8 39. 23 d r ♄ 5 59. 26 d r ☿ 23 34. 16 d col. lat. ☿ r D. 26 d col. lat. ☿ r 1 22. *Mar.* 3 d r ☿ 29 48. 10 d r ♄ 4 52. 11 d r ♅ 5 0 for lat. ☌ r lat. ☿ *dele* lat. ☿ r lat. ☌ 8,0 2,0 54 0 11,0 18,0 26. *Apr.* 10 c ☉ r ☌ 4 46 *May* 13 d r ☌ 28 46. 30 d r ☿ 3 19. 31 d r ☾ 11 39. 8 d r B q ♄ ♂. *Iune* 2 d r ☾ 8 18. 4 d r ☾ 3 53. 28 d r ♍ 28. 16 d c ☉ r 11 44 □. 18 d r ✶ 22. 23 d r ☌ 26 27. 27 d r ✶ 14 29 d r □ 23 46. 18 d c ☌ r □ 14. *July* 22 d r ☍ 6 23. 6 d r lat. ☿ 4 59. *Aug.* 3 d r ☿ 3 0. 3 d c ☿ r □ 8. *Sep.* 30 d r ☌ 6 54. *Octob.* 15 d r ☾ 13 ♏ 4 24 d r Vc ♄ ☌ 31 d c ☿ △ 17 *Nov.* 16 d r ☿ 18 45. *Dec* 5 d c ♅ inf. D. 30 d r ♅ 21 20. 31 d r ☉ 20 7. 6 d r Td ☌ ☿.

Anno 1656. *Ian.* 1 d col. ☉ r ☌ 8 55. 17 d r ✶ ♄ ☿ 5. *Feb.* 26 d r ☿ 2 34. *Mar.* 1 d r ♅ 5 16 d in col. lat. ☿ inf. D. *Aprill* 7 d col. ☿ inf. D. 6 d in c ☿ inf. S. *Iune* 1 d r ☿ 25 59 2 d r 27 11. 9 l r ☿ 13 35. 16 d r lat. ☾ 3 34. 20 d r ☿ 2 22. 26 d r ☿ 10 39. 28 d r ♄ 13 28 & lat. ☿ NA. 11 d c ☉ r 22 ☌ 58. 29 d c ♅ r □ 16. *July* 16 d r lat. ☾ 5 12 25 d r ☌ 19 39. 31 d r ♄ 21 37. *Aug* 5 d r ☿ 15 23. 16 d r ♄ 23 28. ☿ 15 27. 24 d r ☾ 7 26 ✶. 25 d r ♄ 24 32. 27 d r ☿ 12 39. *Sep.* 13 d r ☿ 2 42. *Nov.* 6 d r lat. ☿ 1 55. *De* 26 lar. ☿ 1 41.

Anno 1657. Pag. 1 l. 10 r 2764 p. 6 l. 13. r. 8 14 27 9. *Ianu* 6 d c ♄ inf. R. 13 d. r ♄ 5 47. 26 d r lat ☾ 4 5, & ☿ Orient. *Feb.* 2 d r ☿ 4 15. 1 d r lat. ♅ 0 39 *Mar.* 22 d r ☿ 25 18. 19 d c ♅ r ☌ 18. *May* 30 d r ☿ 21 31. 11 d c. lat. ☿ inf. N. 12 d c ☿ r △ 16. *Iune* 15 d c ☉ r 8 ♌ 39. *July* r lat. ☾ S A. 3 d r ☿ 5 40, & 7 l r 3 43. 19 d r ☾ 24 12. 21 d r lat. ☌ 4 2. & 26 d r 4 9. *Aug* 21 d col. lat. ☿ inf. D. 3 d c ☌ r ☌ 10. 12 d c ☿ r ☌ 7. 30 d c ♅ r □ 1. *Oct.* 20 d r ☿ 26 13. 19 d c ☉ r 16 □ 48. *No.* 21 d r ☌ 12 25. 16 d r la. ☿ D 19 d c ☉ ✶ 19

Anno 1658. pag. 1 l. 5 r MDCLVIII. *Ian.* 2 d r ☿ 22 52. 17 d c ♄ inf. R. 25 d r lat. ☾ 5 1. 6 d r lat. ☿ 6 29. 14 d c ♄ r ☌ 13. 19 d c ☿ r ✶ 3. *Feb.* 10 d r ☿ 14 16. 16 d r ☌ ☿ 7 24 d r △ ♅ ☿. 27 d r S S ♅ ☌. *Mar.* 19 d r ☍ 14 58. 21 d r B q ♄ ☿ *Apr.* 29 d r ☌ 7 19. 21 d r lat. ♄ 2 47 26 l r lat. ☿ N. 11 d c ♅ r ☌ 20. 13 d c ☉ r □ 23 36. 15 d c ☿ r ✶ 13. *May* 10 d r ☿ 5 39. 30 d r ☌ 0 15, & r lat. ☌ N A.

In Harmonicon Cœleſte *folio* 180 *in the Table of the Moons* Reduction, *the Reader is deſired to take notice, that if the place of the Moon, be to be reduced from her Orbe to the Ecliptique, the contrary Titles are to be obſerved And the Diagrams of* Mercury *folio* 89, 90, *are not exactly cut, yet hinders not the Demonſtration, &c.*

A briefe INTRODUCTION TO THE *EPHEMERIDES.*

CHAP. I.

An explanation of the Ephemerides or Diarie.

AN *EPHEMERIDES*, ἐπί, *ab* & ἡμέρα, is as much as to say, a *Diarie* or *Day Book*, being nothing else but a *Kalender* or *Almanack* (a word descending *ab Articulo Al & radice* מנר, *quæ horarium & Calendarium significat*) containing the daily motions of the *Sun*, *Moon*, and *Planets*, & the equal *Retrocess* of the *Dragons Head* throughout the whole Civill Year, for the Noontide of all the dayes of each moneth.

Before the *Ephemerides* you have a true description of the Eclipses of the Sun and Moon, how many will happen that year, and the calculation of those that wil be visible at *London*, according to the doctrine of the fourth Book of *Harmonicon Cœleste*, shewing the apparent time of their beginnings, middle, and endings, with the points or digits eclipsed, with a figure, as they will appear in the heavens. In the following pages of the *Ephemeri-*

dex, are two faces for each moneth, viz. a right and a left; in the left is set down the Year and Moneth to which the *Ephemerides* is subservient, and in the first Column of the said Page towards the left hand is inserted the dayes of the Moneth, against which towards the right hand is found the true places of the seven Planets, ☉, ☾, ♄, ♃, ♂, ♀, ☿, with the latitude of the Moon, and place of the Dragons-head in degrees and minutes for the noontide of the day given in respect of the equall time. At the bottome of the said page under their respective columns is set down the latitude of the five Planets for 1. 6. 11. & 26 dayes of the moneth, in the head of which column is shewed towards what part of the Heaven, the latitude of the Planet is from the Ecliptique-line, for the letter N denotes northerly, and the letter S southerly: also the letter A shews that the latitude is ascending or increasing; but D, that it is descending or diminishing, which is known from the Argument of latitude, for from that time that a Planet departs from his node, till he come to his limit, the latitude is ascending; but departing from the limit, it is descending till he come to the node or intersection of his Orbe with the Ecliptique: which may be also known without these, for if either the north or south latitude be increased, the latitude is ascending, but if diminished, it is descending.

In the column of the longitude of the Planets, whersoever you finde the letter *D*, it signifies the retrograde Planet is then made direct, but where the letter *R* is found, it shews the direct Planet is then made retrograde.

In the first row of the right hand page is set down the daies of the moneth according to the accompt in *England*, against which in the second column is conteined the Dominicall Letter, and the most notable Feasts both fixed and moveable, according to the *Julian* accompt. In the six columns following, under the title [*The Lunar Aspects*] are written the aspects which the Moon maketh with the Sunne and other planets; and in the last column under the title [*The Planets mutuall Aspects*] are conteined the Conjunctions and Aspects, which the Sun and other planets make amongst themselves, and when the Moon is *Apogean* and *Perigean*, and when she passeth her nodes thus noted ☊ Dragons head, ☋ Dragons taile.

In

In the head of the five columns of the Lunar Aſpects, is ſhewed the common accidents which the planets have in reſpect of the Sun, namely, their Orientality and Occidentality; and when they begin to be orientall and occidentall, you ſhall finde it noted in the column between the aſpects.

Now before I come to ſpeak of the compoſition and uſe of the *Ephemerides*, it cannot be amiſſe, firſt to explain the Characters of the ſignes, planets and aſpects.

The Signes of the Zodiaque are thus marked.

Aries, Taurus, Gemini, Cancer, Leo, Virgo.

♈ ♉ ♊ ♋ ♌ ♍,

Libra, Scorpio, Sagitarie, Capricorn, Aquarie, Piſces,

♎ ♏ ♐ ♑ ♒ ♓

The Planets thus.

Sun, Moon, Saturn, Iupiter, Mars, Venus, Mercury.

☉ ☾ ♄ ♃ ♂ ♀ ☿

Of the Aſpects.

Of Aſpects there was but five formerly noted amongſt Aſtronomers, *viz.* ✶, □, △, ☍, & ☌, but that diligent Mathematician Maſter *Mæſtlin* in his diſputation, *De multiplici varietate Motuum Cœleſtium*, ſheweth that beſides the Triangle, Quadrangle, Sexangle, &c. there are other regular and fair figures in the Circle, very convenient in forming other Aſpects, as Quinquangle, Octangle, Decangle, &c. hence that moſt excellent and ſubtile Mathematician *Iohn Kepler* upon diligent conſiderarion of the matter doth in his *Myſterio Coſmographico, & lib. Harmonices Mundi*, add other Aſpects, as founded upon an harmonicall proportion of regular figures, to wit, the *Vigintile, Quindecile, Semiſextile, Decile, Semiquadrat, Quintile, Tridecile, Biquintile, Trioctile, & Quincunx.* But after he found that ſome of theſe Aſpects in the mutation and alteration of the weather, were of far greater force and validity than others, he preferr'd the *Quintile, Tridecile, Semiſextile, & Biquintile*, which flow from the *Duodecangle*, in imitation of whom I have noted the day of theſe Aſpects in the Ephemerides, but

have omitted the houre, following therein the footsteps of that painfull and industrious *Ephemeridist Eichstadius*, nevertheleſſe, for thoſe that are more ſcrupulous, and deſire to know the houre and minute when they happen, I have inſerted the Sexagenarie Table, and given directions in the third *Chapter* how to effect it ſpeedily, but in the Lunar Aſpects I have for ſome conſiderations wholly omitted them as unneceſſary for our purpoſe. I ſhall now adde a Table of thoſe Aſpects obſervable in the Ephemerides, but firſt, what an Aſpect is take *Keplers* definition of it, *Lib*, 6. *Epit. Aſtron. pag.* 840.

Aſpectus eſt angulus à radiis luminoſis binorum planetarum, apud terram formatus, efficax ad ſtimulandum naturam ſublunarem.

A Table of the Aſpects both old and new.

Characters.	*Names of the Aſpects.*	*Diſtance.* S	D	*The Phaſes of the Moon.*
☌	Conjunction	0	00	☌ Novilunium, The new Moon.
⚺	Semiſextile	1	00	⚺
⚹	Sextile.	2	00	⚹ Corniculata, ſeu falcata, The
⚼	Quintile.	2	12	⚼ (horned Moon.
□	Quadrate.	3	00	□ Quadra. Semiplena, halfe full
Td	Tridecile.	3	18	Yd (of light.
△	Trine,	4	00	△ Gibboſa, three parts light.
Bq	Biquintile.	4	24	Bq
Vc	Quincunx.	5	00	Vc
☍	Oppoſition.	6	00	☍ Plenilunium, The full Moon.

CHAP. II.

Of the Compoſition of the Ephemerides.

BEfore I come to deliver any particular uſes of the following Ephemerides, I conceive, it will not be unneceſſary to ſhew how and after what manner they are compoſed, which I ſhall illuſtrate by examples. But by the way, take notice, that the Eclipſes of the Sun and Moon deſcribed in the Ephemerides are (in like manner of the planetary motions) calculated particularly

ticularly for the Meridian of *London*, from which place, the Motions, Aſpects, and Lunar Eclipſes, may be reduced to any other Meridian, or place of the Earth, as I ſhall afterwards ſhew, but let the Reader beware of making reduction of the Solar Eclipſes, for they will only agree exactly to that place for which they are calculated, being determinate by a certain longitude & latitude, which comes to paſſe in reſpect of the Moons Vicinity and neerneſſe to the earth, from whence ariſeth her parallax or diverſity of Aſpect, which cauſeth the Sun to appear oftentimes totally obſcured in one part of the Earth, whereas at the ſame time, another Nation & people far remote are altogether freed from loſing any part of the Suns illuminating rayes; ſo that if the place be far diſtant, there is required a new calculation, other wayes they cannot be repreſented with verity, as I have often ſhewed in my annuall Prognoſtication.

Now whereas in the 4 Book of *Harmonicon Cœleſte*, I have plainly and perſpicuouſly taught how to calculate the motions of all the Planets both in Longitude and Latitude for ever, yet to accuſtome the Reader to the uſe of thoſe Tables, I ſhall here adde an operation in each Planet, to ſhew how their places were obteined, *January the* 1, 1652. on which day the *Ephemerides* inchoate, by which the Reader may diſcern what induſtry I have uſed in the compoſition of this firſt part for 7 years.

The calculation of the Planets places January 1, 1652, *at Noon;*

Firſt, for the Suns true place.

		s	d	′	″	s	d	′	″	
Years	1601	9	19	58	34	3	5	43	28	
	40	0	0	17	57			41	5	
	11	11	29	20	35			11	18	
Day	1			59	8				2	
Mid. Longit. of ⊙ *Jan.* 1. 1652		9	20	36	14	3	6	35	51	*Apheli.* ⊙
Aphelion of ⊙	*ſubſtract*	3	6	35	51					
Anomalie of ⊙		6	14	0	23	*Diſtance of Sun*				
Æquation	*adde*			30	20	*from the earth.*				
						9828.				
True place of ⊙ *Jan.* 1. 1652		♑	21	6	34					

For

For the true place of ☾

		s	d	′	″
Middle Longitude of ☾	Jan. 1, 1652	9	27	26	8
Aphelion of the ☾	sub.	4	24	22	39
Anomalie of the ☾		5	3	3	29
Æquation	Substr.		2	21	24
Anomalie of the ☾ equated		5	0	42	5
Motion of the ☾ equated		9	25	4	42
True motion of the ☉	substr.	9	21	6	34
Distance of the ☾ from ☉		0	3	58	10
Reflection and Variation	Adde			14	13
True place of the ☾ in her Orbite		9	25	18	57
Node Ascend ☾	substr	0	15	8	11
Argument of latitude		9	10	10	46
Reduction	Adde			2	25
True place of ☾ in the Ecliptique		♍	25	21	22

Prop. min. ☾ 18″

Simp. lat. ☾ *So: As:* 4ᵈ 55′ 16″

excesse 16 43

prop. part ad. 5

True lat. ☾ *S. A.* 4ᵈ 55′ 21″

For the true place of ♄

		s	d	′	″
Middle longitude of ♄		3	22	24	11
Aphelion of ♄		8	27	8	15
Anomalie of ♄		6	25	15	46
Æquation	adde		2	58	40
True mot. ♄ from ☉ in Orb		3	25	22	41
Node Ascend. ♄	substr.	3	21	3	14
Argument of Inclination		0	4	19	27
Reduction	sub.				16
Mot. of ♄ frō ☉ in Eclipt.		3	25	22	25
Mot. of ☉ from the Earth		9	21	6	34
Anomalie of Commutation		5	25	44	9
Half summe		2	27	52	4
Parallax of the Orbe	adde			31	10
True place of ♄ from Earth		♌	25	53	35

Inclin. ♄ 11′ 20″ *Reduct.* 16″

Curtation 5 *parts.*

Dist. of ♄ *from* ☉ *in his Orbite* 9 04341

Curt. subst. 5

Distance curt. 9 04336

Dist. ☉ *from Earth* 98282

Summe 1002618

Differ. 8 06054

Sum. 10026|18 4,001128

Dif. 8060|54 3,906335

Tang. 87ᵈ 52′ 4″ 11,429089

15,335424

Tang. 87 20 54. 11,334296

175 12 58 *Ang. Elong.*

0 31 10 *Parallax of the Orb*

For the Latitude of ♄.

As the sine of the angle of Elongation,	175^d 12′ 58″,	8,921153
To the sine of the angle of Commutat.	175 44 9;	8,871310
So the co-tangent of the Inclination of ♄	11 20	12,481914
		21,353224
To the co-tangent of the latitude of ♄ *North*	12′ 43″	12,432071

For the true place of ♃.

	s	d	′	″
Middle motion of ♃	8	29	15	23
Aphelion of ♃ *sub*	6	8	45	25
Anomaly of the Orbite	2	20	29	58
Æquation subst.		5	23	56
Mot. of ♃ *frõ* ☉ *in his Or.*	8	23	51	27
Node Ascend. ♃ *sub.*	3	5	37	3
Argument of Inclinat.	5	18	14	24
Reduction adde				13
♃ *from* ☉ *in the Eclipt.*	8	23	51	40
Place of ☉ *frõ earth*	9	21	6	34
Anomalie of commutat.	0	27	14	54
Half summe		13	37	27
Parallax of the Orb add		4	11	8
True place of ♃ *frõ earth*	♐	28	2	48

♃ *frõ* ☉ *in his Orbit* 527631 *p*^{s}.

Inclin. of ♃ *No. desc.* 16′ 40″. *Reduct. add* 0′ 13″ *Curt. sub.* 7 *parts*

527624 *Dist.* ♃ *from* ☉ *curtat.*
98282 *Dist.* ☉ *from earth*

Summe	625906	3,796505
Diff.	429342	3,632761
Tang.	13^d 37′ 27″	9,384483
		13,017244
Tang.	9 26 19	9,220739
Aggr.	23 3 46	*Ang. of Elõg.*
Diff.	4 11 8	*Parallax of the Orb.*

For the Latitude of ♃

Sine of the angle of Elongation	23^d 3′ 46″	9,592997
Sine of the angle of Commutation	27 14 54	9,660721
Co-tangent of inclination of ♃	16 40	12,314422
		21,475143
Co-tangent of the latitude of ♃ *North*	14′ 16″	12,382146

For

For the true place of ♂

	s	d	′	″
Middle motion of ♂	11	19	7	52
Aphelion of ♂ *subt*	5	0	1	58
Anomaly of the Orbite	6	19	5	54
Æquation *adde*		3	48	55
Mot. of ♂ frõ ☉ in his Or.	11	22	56	47
Node Ascend. *subst.*	1	17	20	33
Argument of Inclinat.	10	5	36	14
Reduction *adde*				50
Mot ♂ frõ ☉ in the Eclipt.	11	22	57	37
True motion of ☉	9	21	6	34
Anomalie of commutat.	9	28	8	57
Complement to 12 signes	2	1	51	3
Half summe.		30	55	31
Parallax of the Orb subt.		25	1	45
True place of ♂ frõ earth ♒	27	55	52	

Dist. ♂ frõ ☉ in his Orb. 139281

Incl. of ♂ 1ᵈ 30′ 18″. *So. def. Reduct. add* 0′ 50″ *Curt.* 53 *parts*

139228 *Dist. ♂ from ☉ curtat.*

98282 *Dist. ☉ from earth*

Summe 237510		3,375664
Diff. 40946		2,612148
Tang. 30ᵈ 55′ 31″		9,777490
		12,389638
Tang. 5 53 46		9,013974
36 49 17	*Ang. of Elõg.*	
25 1 45	*Parallax of Earths Orb.*	

For the Latitude of ♂

Sine of the angle of Elongation	36ᵈ 49′ 17″	9,777660
Sine of the angle of Commutation	61 51 3	9,945331
Co-tangent of inclination of ♂	1 30 18	11,580486
		21,525817
Co-tangent of the latitude of ♂ *South*	1ᵈ 1′ 23″	11,948157

For

For the true place of ♀

	s	d	′	″
Middle Longitude of ♀	10	16	8	29
Aphelion subst.	10	5	9	4
Anomalie of the Orbite	0	10	59	25
Æquation substr.			8	58
Mot. ♀ frō ⊙ in her Orbite	10	15	59	31
Node Ascend. ♀ substr.	2	13	30	0
Argument of Inclination	8	2	29	31
Reduction sub.			2	27
♀ from ⊙ in the Ecliptique	10	15	57	4
Place of ⊙ from earth	9	21	6	34
Anomaly of Commutation	0	24	50	30
Half summe		12	25	15
Parallax of the Orb adde		10	32	1
Place of ♀ from Earth	♒	1	38	35

Dist. ♀ frō ⊙ in Orb. 72799 *p.*

Inclinat. ♀ South 2ᵈ 59′ 53″

Reduct. sub. 2′ 27″ *Curt.* 100

98282 *Dist. ⊙ from earth*

72699 *Dist. ♀ from ⊙ curt.*

170981 *Summe*

25583 *Difference*

Sum. 170981	4,232945
Dif. 25583	3,207901
Tang. 12ᵈ 25′ 15″	9,242907
	12,750808
Tang. 1 53 14	8,517863
10 32 1 *Elongation.*	

For the Latitude of ♀.

Sine of the angle of Elongation,	10ᵈ	32′	1″,	9,262005
Sine of the angle of Commutat.	24	50	30	9,623365
Co-tangent of the Inclination of ♀	2	59	53	11,280887
				20,904252
Co-tangent of the latitude of ♀ *South*	1ᵈ	18′	20″	11,642247

For the true place of ☿.

	☉ s	d	′	″	
Middle longitude of ☿	11	5	48	20	
Aphelion of ☿ *subst.*	8	14	17	0	*Dist. ☿ from ☉ in Orb.* 41554
Anomalie of the Orbite	2	21	31	20	
Æquation *sub.*		22	19	59	
Mot. ☿ from ☉ in his Orbit	10	13	28	21	*Inclinat. of ☿ south* 6d 54′ 0″
Node Ascend. *substr.*	1	13	46	30	*Reduct. of 7″ sub Curt.* 277p
Argument of Inclination	8	29	41	51	98282 *Dist. ☉ from Earth.*
Reduction *sub.*				7	41277 *Dist. ☿ from ☉ curt.*
					Summ 139559 4,1447 60
Mot. of ☿ frō ☉ in Eclipt.	10	13	28	14	*Dif.* 57005 3,7557875
Met. of ☉ from the Earth	9	21	6	34	*Tang.* 11d 10′ 50″ 9,295903
					13,051778
Anomalie of Commutation	0	22	21	40	*Tang.* 4 36 55 8,907018
Half summe		11	10	50	6 33 55 *Parallax of the Orb.*
Parallax of the Orbe adde		6	33	55	
True place of ☿ from Earth	♍ 27	40	29		

For the latitude of ☿

Sine of the angle of Elongation,	6d 33′ 55″	9,058179
Sine of the angle of Commutat.	22 21 40	9,580289
Co-tang. of the Inclination of ☿	6 54 0.	10,917167
		20,497456
Co-tangent of the latitude of ☿ *South*	2d 4′ 58″	11,439277

After this manner have I calculated the motions of the three superiour Planets, Saturn, Jupiter and Mars for every tenth day, and the motion of the two inferiour planets Venus and Mercury for every fift day, and sometimes for every other day; especially when they are neer their stations, which I was compell'd to do, to finde thereby their true diurnall motion for the intermediate dayes, whereby it appears that the labour of composing the Ephemerides is great, insomuch that having but a little time alotted mee to compleat this first part, I was enforced to imitate *Keplers* tables, in the motion of Venus and Mercury, for the two last years,

years, and *Tycho's* in the lunar motions, especially in regard the difference is seldome above two or three minutes. But I shall now forbear to treat further of the composition of the Ephemerides, respecting their motions, referring them that desire to be more fully satisfied to the third and fourth books of *Harmonicon Cœleste*, lately published.

CHAP. III.

To calculate the true places of the Planets to any houre of the day, or their ingresse into any of the 12 Signes, as also to compute the true time of their Aspects.

FOrasmuch as the places of the Planets in the Ephemerides are only calculated for the noontide of every day, and it most commonly hapneth that their true places are required at some other moment, it's therefore requisite I here shew how to performe the same, which I shall briefely doe, by adding examples, and shal afterwards shew how to finde the houre and minute of the time of the Conjunctions and Aspects of the Planets by the *Srocagenarie* Table.

1 Suppose it were required to finde the entrance of the sun into the first point of the Equinoctial Signe ♈, *Anno* 1652.

Place of the ☉ *March* 10, 1652 at noon	♈	00d 39′
Place of ☉ *March* 9, 1652 at noon	♓	29 40
Diurnal motion of the ☉		59
Distance of ☉ from the first point of ♈		20

Then I say.

If 0d 59′, give 24h, what shall 0d 20′ give?

The Resolution

	0d 20′	
	24	
Ag,	8 0	(8h 8′.
	50	
	7 52	
	0 8	

2 Admit the place of ♂ be required the 18 of *April* 1652 at $8^h\ 16'$ *P. M.*

Place of ♂ *April* 19d at noon	♉	19d 58′
Place of ♂ *April* 18 *subst.*	♉	19 18
Diurnal motion of ♂		0 43

If 24 ho. give 43′, what shal 8 ho. 16′ give?

$8^h\ 16'$

Resolution $43\ (14^h\ 49'$

5 44

11 28

product 5 55 28

24

5 36

19 28

24

Place of ♂ *April* 18d at noon	♉	19d	15′ 00″
Mot. of ♂ agreeing to $8^h\ 16'$ *add*			14 49
Place ♂ *April* 18d $8^h\ 16'$ *P. M.*	♉	19	29 49

The same day will happen a ♂ ☌ ☾ the time thereof being required.

Place of ☾ *April* 19 at noon	♍	19d 31′
Place of ☾ 18 at noon *substract*	♍	5 50
Diurnal motion of the ☾		13 41
Diurnal motion of ☿		00 00
Excess of the diurnal motions		13 41
Distance of ☿ fro ☾ 18d at noon		6 51

Then

Then I say,

If the excesse of the diurnal motion $13^d\ 41'$ give 24^h, what shal $6^d\ 51'$ give?

Resolution	6 51	
	24	($12^h\ 0'\ 52''$
	20 24	
	2 24	
Product	2 44 24	
	13 41	
	2 36	
	8 12	
	2 44 12	
	Rests 12	

Therefore the exact time of this Conjunction of the Moon and Jupiter will be the 18 day at $12^h\ 1'$ *P. M.*

The 15 day of *May* the same year, will happen a Conjunction of Jupiter and Moon, when Jupiter is retrograde in motion.

Place of ☾ *May* 16^d at noon	♑ 16^d 8′
Place of ☾ *May* 15 at noon *substr.*	♑ 2 9
Diurnall motion of the ☾	13 59
Diurnall motion of ♃ *adde*	0 5
Aggregate of the diurnall motions	14 4
Place of ♃ the 15 day at noon	♑ 11 37
Distance of ☾ frō ♃ the 15^d at noon.	9 28

If $14^d\ 4'$ give 24^h, what shall $9^h\ 28'$ give?

9 28	Product	3 47 12	
24		14 4	($16^h\ 9'$
11 12		3 44	
3 36		1 4	
3 47 12		3 45 4	
	Rests	2 8	

Therefore the conjunction of Jupiter & the Moon wil be the $15^d\ 16^h\ 9'$ *P. M.*

Here

Here you must observe, that when the two planets are either both direct or both retrograde, you must take their difference, but if the one be direct and the other retrograde, then the summe is the excesse or superation of their diurnall motions.

CHAP. IV.

Of the Æquation of time for the Inæquality of Natural dayes.

IN regard the dayes natural are unequall, as I have shewed in my *Harmonicon Cœleste*, *Lib.* 3. *Chap.* 8. and the places and aspects of the planets set down in the Ephemerides, are calculated for the equall time, it wil therefore here be expedient I shew how to reduce the middle time into the apparent, *& vice versa.*

Enter the following Table with the signe of the Suns place, on the Head, and the degree in the first column on the left hand, and in the common angle you have the Æquation of time, with the note either A of addition, or S of substraction, written on the head of the Table, which must be substracted from the time given or added to it (according to the letters,) when the equall time is to be changed into the apparent, but the contrary must be done, when the apparent is to be reduced into the equall.

EXAMPLE.

Suppose the equall time given be the 20 of *February* 1654 18^h $27'$ (it being the middle time of the true Opposition of the Luminaries) the ☉ is then found in the *Ephemeris* in 13^d $1'$ ♓ which found in the Table giveth $9'$ $8''$ to be substracted, as the letter S sheweth, therefore I substract this from the middle time, and it leaveth the apparent time of the true ☍ 18^h $18'$. And by the same way all other examples may be effected.

A Table of the Æquation of naturall dayes.

Degrees	♈ S	♉ A	♊ A	♋ S	♌ S	♍ S	♎ A	♏ A	♐ A	♑ A	♒ S	♓ S
	′ ″	‴	′ ″	′ ″	′ ″	′ ″	′ ″	′ ″	′ ″	′ ″	′ ″	′ ″
0	4 4	4 41	6 23	0 26	7 7	5 7	4 4	12 9	11 11	0 26	10 27	11 43
1	3 44	4 54	6 16	0 43	7 13	4 53	4 24	12 18	10 58	0S 0	10 41	11 35
2	3 24	5 5	6 9	1 0	7 19	4 39	4 44	12 25	10 43	0 26	10 53	11 25
3	3 6	5 17	6 1	1 18	7 23	4 24	5 4	12 33	10 29	0 52	11 5	11 16
4	2 46	5 28	5 53	1 35	7 26	4 9	5 24	12 40	10 13	1 19	11 17	11 5
5	2 26	5 38	5 43	1 52	7 29	3 54	5 44	12 46	9 57	1 44	11 27	10 54
6	2 6	5 47	5 33	2 9	7 31	3 38	6 4	12 51	9 39	2 9	11 37	10 42
7	1 47	5 56	5 22	2 27	7 33	3 22	6 23	12 56	9 21	2 35	11 46	10 30
8	1 27	6 4	5 12	2 43	7 34	3 5	6 43	13 0	9 2	2 59	11 54	10 17
9	1 8	6 11	5 1	2 59	7 34	2 47	7 2	13 3	8 43	3 25	12 2	10 4
10	0 48	6 19	4 49	3 16	7 33	2 31	7 20	13 5	8 23	3 50	12 8	9 51
11	0 29	6 25	4 36	3 32	7 32	2 13	7 39	13 7	8 4	4 14	12 14	9 37
12	0 10	6 31	4 23	3 47	7 31	1 54	7 58	13 8	7 43	4 38	12 19	9 22
13	0A 9	6 36	4 10	4 2	7 28	1 36	8 15	13 8	7 2	5 2	12 24	9 8
14	0 27	6 41	3 56	4 17	7 25	1 18	8 33	13 7	7 0	5 25	12 27	8 52
15	0 45	6 46	3 42	4 32	7 22	0 59	8 49	13 6	6 38	5 48	12 30	8 34
16	1 3	6 49	3 27	4 46	7 17	0 40	9 7	13 4	6 15	6 10	12 32	8 20
17	1 21	6 51	3 13	5 0	7 11	0 20	9 23	13 1	5 51	6 32	12 33	8 4
18	1 38	6 53	2 57	5 13	7 4	0 1	9 38	12 57	5 27	6 53	12 34	7 47
19	1 56	6 54	2 42	5 25	6 59	0A19	9 50	12 52	5 4	7 15	12 33	7 29
20	2 13	6 55	2 26	5 37	6 52	0 40	10 9	12 47	4 40	7 35	12 32	7 12
21	2 29	6 55	2 9	5 49	6 44	1 0	10 23	12 41	4 15	7 55	12 30	6 54
22	2 45	6 54	1 52	5 0	6 36	1 20	10 37	12 34	3 50	8 14	12 28	6 36
23	3 2	6 53	1 36	6 11	6 27	1 41	10 51	12 27	3 26	8 33	12 25	6 17
24	3 17	6 50	1 19	6 21	6 17	2 1	11 3	12 19	3 0	8 51	12 22	5 59
25	3 32	6 47	1 2	6 31	6 6	2 22	11 16	12 9	2 34	9 9	12 17	5 40
26	3 47	6 44	0 45	6 39	5 55	2 43	11 27	11 58	2 9	9 27	12 12	5 21
27	4 1	6 40	0 27	6 47	5 44	3 3	11 38	11 48	1 43	9 43	12 5	5 2
28	4 15	6 35	0S 9	6 54	5 32	3 23	11 49	11 37	1 17	9 58	11 58	4 43
29	4 28	6 29	0 8	7 1	5 20	3 43	11 59	11 25		10 13	11 52	4 23
30	4 41	6 23	0 26	7 7	5 7	4 4	12 9	11 11	0 26	10 27	11 43	4 4

CHAP. V.

Of the Reduction of time for the difference of Meridians

THe Ephemerides being calculated for the meridian of *London*, there is no need of this Reduction there, neither in thoſe places that lye under the ſame meridian, but if the place differeth from *London*, in longitude, that is, lying either more Eaſt or Weſt, then it wil be neceſſary to ſhew how the motions and aſpects of the Planets or times of the lunar eclipſes, are to be reduced to thoſe places of the earth from the place the Ephemerides are rectified to; for in the eaſtern parts of the earth, the Sun, Moon, and ſtarres do riſe, come to the South, and ſet ſooner then to thoſe that are in the weſtern parts, by reaſon of the rotundity of the earth, as may be ſeen in the doctrine of the Sphære: that therefore this Reduction may rightly be made, and ſo the motions and aſpects of the planets may conveniently be applyed to all places of the earth, you muſt know that all thoſe places which have different longitudes, the difference of meridians is to be ſought, which difference is nothing elſe but an arch of the Æquinoctiall circle, or verticall parallel intercepted between thoſe meridians. Therefore ſeek in the Tables of Geographie for the longitude of *London*, and that to which the Ephemerides are to be fitted, then ſubſtract the leſſer longitude out of the greater, and the remainer is the difference of meridians in degrees and minutes, which is to be converted into time by allowing 15^{d} to an hour, and to one degrees 4 minutes, and to 15 minutes one minute of an hour, and the difference of meridians wil be produced.

As for example: I ſeek for the difference of the meridians of *London* and *Rome* in the Tables of Geographie, and I finde the longitude of *London* to be 21 degrees and the longitude of *Rome*, (in ſome tables) 27 degrees 30 minutes, the difference is 16 deg. 30 minutes, which converted into time maketh one hour 6 min. and ſo much doth the conjunctions and aſpects of the planets noted in the *Ephemerides* happen later at *Rome* then at *London*, in regard the Sun is paſt their meridian when it is in ours. But becauſe

thoſe

Bookes of Geography are not in every mans hand, we have added a Catalogue of some notable Cities in divers Regions, taken out of *Harmonicon Cœleste*, whereby the time of the Aspects written in the Ephemerides, may speedily be brought to your Meridian proposed; for if your place be more Oriental then the meridian of the Ephemerides, add the Difference of the Meridians, to the time expressed in the Ephemerides, in which any Conjunction, Lunarie Eclipse, or Aspect hapeneth, but if your place be more Occidentall then the Meridian of the Ephemerides, make Substraction, for so the sum or difference will be the true time in which the conjunctions & Aspects happen, As if the Question were to know when the new Moon which falls upon the 14ᵈ of *March* 1652 at 15ʰ 50′ *T.M.* shall be at *Norimberge* in *Germanie*, therefore because it is more Easterly then *London*, I add 46′ the Difference found in the Catalogue, to the time of the New Moon proposed, and the summe 16ʰ 36′ will be the time of the New Moon at *Norimberge*, *tempore medio*.

But if the motion of a planet be to be reduced from the Meridian of the Ephemerides, you must observe the contrary, for whereas you add in the Aspects, you must substract in the motions, *& vice versâ*; as at *Norimberge*, you must substract the motion agreeing to 46′ from that in the Ephemerides, and you shall have the motion reduced to the Meridian of *Norimberge*.

E A

A Catalogue of some of the most eminent Cities and Townes in *England*, *Scotland*, and *Ireland*, shewing the difference of their Meridians from *London*, and hieght of the pole *Artique*; extracted from *Harmon. Cœleste.*

Names of the Cities.	Differ. of Meridians Ho.	m.		Height of pole D.	m.
S. Albons	0	1	s	51	55
Barwick	0	6	s	55	49
Bedford	0	2	s	52	18
Bristoll	0	11	s	51	32
Cambridge	0	1	a	52	17
Coventry	0	4	s	52	30
Colchester	0	5	a	52	30
Darby	0	5	s	53	6
Dublin in Ireland	0	26	s	53	11
Duresme	0	5	s	54	45
Dartmouth	0	15	s	50	32
Ely	0	1	a	52	20
Edinburgh in Scotland	0	11	s	57	6
Grantham	0	2	s	52	58
Hallifax	0	6	s	53	49
Hereford	0	11	s	52	14
Hull	0	1	s	53	50
Lincolne	0	1	s	53	15
Leicester	0	4	s	52	40
Nottingham	0	4	s	53	3
North-Luffingham	0	3	s	52	41
Norwich	0	4	a	52	44
Northampton	0	4	s	52	18
Oxford	0	5	s	51	54
Okeham	0	3	s	52	44
Peterborough	0	2	s	52	35
Richmond	0	6	s	54	26
Stamford	0	2	s	52	41
Tredah in Ireland	0	27	s	53	38
Uppingham	0	3	s	52	40
Worcester 52:20	0	9	s	52	20
Yorke	0	4	s	54	0
Warwicke	0	6	s	52	25

A Catalogue of the chiefest Cities of the World, shewing the temporary Distance of their Meridians from *London*, with the height of the *Pole* in each place.

Names of the Cities.	Dif. of Merid. Ho.	m.		Height of pole D.	m.	Names of the cities,	Dif. of Merid. Ho.	m.		Height of pole D.	m.
Aberdeen in Scotland	0	9	S	58	4	Middleburg in Zel.	0	16	E	51	30
Alexandria in Egypt	2	36	E	30	58	Mentz in Germanie	0	49	E	50	30
Amsterdam in Holand	0	21	E	52	24	Munster in Westphal.	0	28	E	51	54
Antwerp in Brabant	0	18	E	51	12	Madrid in Spaine	0	21	W	40	25
Athens in Greece	1	51	E	37	42	Narbon in Fraunce	0	1	E	43	26
Babylon in Caldea	3	40	E	35	0	Naslaw	0	42	E	50	26
Bethlem	2	46	E	31	50	Ninive in Assyria	2	38	E	35	50
Calice in France	0	0		50	52	Naples in Italie	1	1	E	40	42
Calicute in Ea. India	5	50	E	11	30	Norrimberge in Ger.	0	46	E	49	26
Constantinople	2	18	E	43	0	Paris in France	0	10	E	48	52
Conimbria in Portu.	0	37	W	40	15	Prague in Bohemia	0	56	E	50	56
Damascus in Syria	3	16	E	34	0	Padua	0	49	E	38	25
Edinburgh in Scotl.	0	11	W	57	6	Quinzoy	11	28	E	37	40
Ephesus	2	17	E	38	18	Rome in Italie	0	50	E	42	2
Francford on Oder	1	6	E	52	20	Roterdam in Holland	0	14	E	51	55
Francford on Mence	0	52	E	50	7	Rochell.	0	4	E	45	49
Fruenburg in Prussia	1	20	E	54	29	Roan in Normandy	0	6	E	49	30
Geneva	0	36	E	45	54	Stetine in Germanie	0	58	E	53	36
Gaunt in Flanders	0	26	E	50	54	Stockholm in Sweth	1	1	E	58	58
Goa in India	5	48	E	16	0	Syracusa in Sicily	1	52	E	36	56
Hamburg in Holsatia	0	39	E	33	43	Thessalonica	1	45	E	41	32
Heidelburgh	0	36	E	49	36	Tubing	0	38	E	48	34
Hierusalem	2	5	E	32	10	Trier	0	26	E	49	56
Ingolstad	0	47	E	48	42	Torge in Misnia	0	53	E	51	33
Lisbon in Portugall	0	36	W	38	45	Copenhage in Denm.	0	50	E	55	43
Lyons in France	0	20	E	45	16	Valence in Spaine	0	4	E	39	30
Leyden	0	19	E	52	10	Venice	0	48	E	45	15
London	0	0		51	32	Vienna in Austria	1	5	E	48	22
Magdeburg in Saxo.	0	57	E	52	16	Weimar	0	46	E	51	8
S. Male	0	20	W	48	44	Vranimburg in Den.	0	50	E	55	54
Mexico	6	50	W	20	6	Vlissippo in Prugal	0	35	W	38	45
Morocco	0	31	W	31	15	Worms	0	29	E	50	25
Marpurg	0	53	E	50	43	Wittingburg in Sax.	0	52	E	51	52

A Table of the Longitude, Latitude, and Magnitude of 40. of the principallest of the Fixed Stars, being Calculated for the beginning of the yeere, 1652.

Names of the Stars.	Longitude S.	D.	′	Latitude	′		Mag.
The head of Andromeda	♈ 9	30	25	42	♑		2
The Girdle of Andromeda	♈ 25	32	25	59	♑		2
The first Star of *Aries* in the former horne	♈ 28	20	7	8	♑		4
The following horne	♈ 29	6	8	29	♑		4
The bright star on the top of the Rams Head	♉ 2	49	9	57	♑		3
Scheder.	♉ 3	9	46	35	♑		3
The South foot of Andromeda	♉ 9	22	27	46	♑		2
The bright star in the Jaw of the Whale	♉ 9	30	12	37	♋		2
The Head of Medusa	♉ 21	20	22	22	♑		3
The middle and brightest star of the Pleiades	♉ 25	7	4	0	♑		3
The north eye of the Bull	♊ 3	36	2	36	♋		3
Aldebaran, the South eye	♊ 4	56	5	31	♋		1
Regel, the bright foot of *Orion*	♊ 12	0	31	11	♋		1
The former shoulder of *Orion*	♊ 16	6	16	53	♋		2
The Goat	♊ 16	59	22	51	♑		1
The South Horne of the Bull	♊ 19	55	2	14	♋		3
The right shoulder of *Auriga*	♊ 26	35	21	27	♑		2
The bright foot of *Geminis*	♋ 4	14	6	48	♋		2
Syrius, the greater Dogge.	♋ 9	18	39	30	♋		1
Castor, Apollo	♋ 15	24	10	2	♑		2
Pollux, Hercules	♋ 18	26	6	38	♍		2
Procyon, the lesser Dogge	♋ 21	1	15	57	♋		2
Præcepe	♌ 2	29	1	14	♑		*Neb.*
North Asellus	♌ 2	40	3	8	♑		4
South Asellus	♌ 3	51	0	4	♋		4
Regulus, the Lyons heart	♌ 25	0	0	26	♑		1
Arista, the Virgins Spick	♎ 18	59	1	59	♋		1
South Ballance	♏ 10	14	0	26	♑		2
Arcturus	♎ 19	22	31	2	♑		1
North Ballance	♏ 14	31	8	35	♑		2
Right shoulder of Hercules	♏ 26	10	42	48	♑		3
Antares, the Scorpions Heart	♐ 4	56	4	27	♋		1
The Harp	♑ 10	26	61	47	♑		1
The bright star of the Vulur	♑ 26	52	29	21	♑		2
The former of the two bright stars in the Goats tail	♒ 16	57	2	26	♋		3
Left shoulder of *Aquarius*	♒ 18	34	8	42	♑		3
Right shoulder	♒ 28	32	20	22	♑		3
Fomahant	♒ 28	54	21	0	♋		1
Marchab	♓ 18	39	19	26	♑		2
Scheat	♓ 24	32	31	7	♑		2

The places of the fixed stars in this table may be exactly rectified for many ages, by adding every yeer to their places in Longitude 51″ and every 100 yeers 1d. 24′ 54″.

CHAP. VI.

Containing such Astronomical Propositions, as are of ordinary and frequent use in the practice of the Mathematicks.

I Shal here onely deliver some few Propositions, such as I hold meet and requisite for all them to know and practice, who shall make use of the following work, yet I shall refer my Readers that desire to be more fully satisfied, to the second part of my *Harmonicon Cœleste.*

PROPOSITION 1.

To finde the Suns Declination, say.

As the Radius is to the sine of the Suns greatest declination, so is the sine of the Suns distance from the next Æquinoctiall point to the sine of the declination required.

Admit the Suns Declination were required the 15 day of *April* 1652 at noon, at which time his place is found in the Ephemeris in $5^d\ 53'\ \Upsilon$, which point is distant from the Æquinoctiall $35^d\ 53'$ therefore according to the former analogie,

As the Radius 90^d,	10,000000
To the sine of the greatest declination $23^d\ 31'\ 30''$	9,601135
So the sine of his distance from the Æquinoct. $35^d\ 53'$	9,767999
To his declination required $13^d\ 31'\ 48''$	9,369134

PROP. 2.

To finde the Suns right Ascension.

As the Radius is to the Tangent of the Suns longitude, so the Co-sine of his greatest declination, to the tangent of the right ascension.

As the Radius 90 deg.	10,000000
To the tangent of $35^d\ 53'$	9,859400
So the Co-sine of $23^d\ 31'\ 30''$	9,962315
To the tangent of the right ascension $33^d\ 33'\ 23''$	9,821715

Pro-

PROP. 3.

To finde the aſcenſionall difference.

As the co-tangent of the poles elevation is to the Radius, ſo the tangent of his preſent declination, to the ſine of the aſcenſionall difference.

Co-tangent of 51d 32′	9,900086
Radius 90 deg.	10,000000
Tangent of his declination 13d 31′ 48″	9,381355
Sine of the aſcenſionall difference 17d 37′ 50″	9,481269

PROP. 4.

To finde the Suns amplitude of riſing or ſetting from East or West.

As the co-ſine of the latitude is to the Radius, ſo the ſine of his declination, to the ſine of the amplitude.

Co-ſine of the latitude 51d 32′	9,793832
Radius 90 deg.	10,000000
Sine of the Suns declination 13d 31′ 48″	9,369134
Sine of the amplitude 22d 51′ 32″	9,575302

PROP. 5.

To finde the time when the Sun will be due East or West.

As the tangent of the latitude to the Radius, ſo the tangent of the declination, to the co-ſine of the hour from the meridian.

Tangent of 51d 32′	10,099913
Radius 90d	10,000000
Tangent of the declination 13d 31′ 48″	9,381355
Co-ſine of the diſtance from the meridian, 78d 58′ 42″	9,281442

PROP. 6.

To finde the Suns altitude when he is due East or West.

As the ſine of the latitude is to the Radius, ſo is ſine of the Declination, to the ſine of the altitude

Sine of the Latitude 51d 32′	9,893746
Radius 90d	10,000000
Sine of the declination 13d 31′ 48″	9,369134
Sine of the Suns altitude 17d 23′ 9″	9,475389

Pro-

Prop. 7.

To finde the Suns altitude at the hour of six.

As the Radius, to the sine of the latitude, so the sine of the Suns declination, to the sine of his altitude.

Radius 90 deg.	10,000000
Sine of the latitude 51d 32′	9,893745
Sine of the Suns declination 13d 31′ 48″	9,369174
Sine of the Suns altitude, 10d 33′ 18″	9,262879

Prop. 8.

To finde the altitude of the Sun at any time assigned.

In this Proposition there are two Cases. for,

1 If he be in the Æquator, say,

As the Radius is to the co-sine of his distance from the meridian, so is the co-sine of the Poles elevation, to the sine of his altitude.

When the sun is in the Æquator 45deg. distant from the meridian

Radius 90 degr.	10,000000
Co-sine of 45 deg.	9,849485
Co-sine of the elevation 51d 32′	9,793832
Sine of the Suns altitude 26d 5′ 43″	9,643317

2 When the sun hath either north or south declination.

As the Radius to the co-tangent of the elevation, so the co-sine of his distance from the meridian, to the tangent of an arch, which being substracted from his distance from the pole, leaves a second arch. Then say again,

As the Co-sine of the first arch, is to the co-sine of the second arch, so the sine of the poles elevation, to the sine of the suns altitude.

Admit the Sun be in 5d 53′ *Taurus*, distant from the meridian 45 degrees.

Radius 90 deg.	10,000000
Co-tangent of the elevation 51d 32′	9,900086
Co-sine of Suns distance from the meridian 45d	9,849485
To the tangent of the arch 29d 19′ 36″	9,749571

From

From the Quadrant	90d	0	0
Deduct ⊙ Declination (because north)	13	31	48
Distance of ⊙ from the pole	76	28	12
First arch substract	29	19	36
Remains a second arch	47	8	36

Then again,

Co-sine of the first arch 29d 19′ 36″	9,940437
Co-sine of the second arch 47d 8′ 36″	9,832615
Sine of the elevation 51d 32′	9,893745
Sine of ⊙ altitude 37d 39′ 0″	9,785923

PROP. 9.

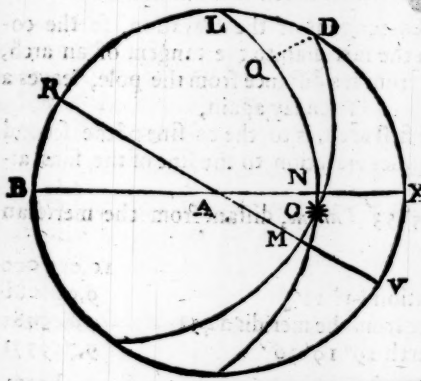
To finde the sunnes azimuth.

As the co-sine of the ⊙ altitude, to the sine of his distance from the meridian, so the sine of his distance from the pole to the sine of his azimuth.

Co-sine of the ⊙ altitude 37 deg. 39′	9,898592
Sine of his distance from the meridian 45 deg.	9,849485
Sine of his distance from the pole 76d 28′ 12″	9,987777
Sine of his azimuth required, 60d 15′ 43″	9,938670

PROP. 10.

To finde the Declination, right ascension, and ascensionall difference of the Moon, Planets, or Fixed starres, according to the doctrine of Harmonicon Cœleste. *fol.* 29.



Admit the first of *January* 1652, the declination, right ascension, and ascensionall difference of *Aldebaran*, be required; the true place of the said starre is then in 4d 56′ *Gemini*, with latitude 5d 31′ south, therefore in the annexed diagram we have in the trian-

gle

gle D L O, 3 Parts given, (1) the greateſt obliquity of the Ecliptique DL $23^d\ 31'\ 30''$, (2) the diſtance of the ſtarre from the pole of the ecliptique L O $95^d\ 31'$, (3) the complement of the ſtars longitude to the Quadrant underſtood by the included angle D L O 25 degr. 4 min

Then to finde the declination M O, I ſay,

As the Radius 90 deg.	10,000000	From L O $95^d\ 31'\ 0''$
To co-ſine angle DLO $25\ 4'$	9,957940	Take L Q $21\ 31\ 15$
So tangent of DL $23^d\ 31'\ 30''$	9,638820	
To tangent of QL $21\ 31\ 15$	9,595860	Reſts QO $73\ 59\ 45$
As the co-ſine of LQ $21^d\ 3'\ 15''$	9,968615	
To the co-ſine of LD $23^d\ 31'\ 30''$	9,962385	
So the co-ſine of QO $73^d\ 59'\ 45''$	9,448448	
To the co-ſine of DO $74^d\ 13'\ 56''$	9,434148	

Whoſe complement O N $15^d\ 46'\ 4''$ is the declination of *Aldebaran*.

Then for the right aſcenſion.

As the ſine of D Q $74^d\ 13'\ 56''$	9,983342
To the ſine of the angle D L O $25^d\ 4'$	9,627030
So the ſine of L O $95^d\ 31'$	9,997984
To the ſine of the angle D $25^d\ 59'\ 21''$	9,641672

Whoſe complement $64^d\ 0'\ 39''$ is the right aſcenſion of *Aldebaran*.

Laſtly, for the aſcenſionall difference

As the co-tangent of the elevation $51^d\ 32'$	9,909086
To the Radius	10,000000
So the tangent of the declination $15^d\ 46'\ 4''$	9,450809
To the ſine of the aſcenſionall difference $20^d\ 49'\ 6''$	9,550723

But becauſe the declination and right aſcenſion, with latitude is ſomewhat difficult to finde; in regard it cannot be performed without a double operation, I have in *Harmonicon Cæleſte*, *fol.* 126. ſhewed how to finde the Declination, and right aſcenſion of any point, not exceeding 5 degrees of latitude, by the help of the Tables there inſerted which may be uſefull in the Moon and other planets, yet becauſe it fals out that the fixed ſtarres have many of them far greater latitude, I have inſerted a table of the right aſcenſion and declination of 80 of the principalleſt of them calculated for the year 1655, which may ſerve without any ſenſible errour, for ſome years before and after.

To finde the oblique aſcenſion and deſcention.

1 When the declination of a ſtarre is north, if you ſubſtract the aſcenſionall difference from the right aſcenſion, the reſidue will be the oblique aſcenſion, but if you adde them together, the ſumme will be the oblique deſcenſion.

2 When the declination is ſouth, add the aſcenſionall difference and right aſcenſion together, the ſumme will be the oblique aſcenſion, but if you make ſubſtraction, the remainer will be the olique deſcenſion.

As in the former example, the right aſcenſionof *Aldebaran* is $64^d\ 0'\ 39''$, and the aſcenſionall difference $20^d\ 49'\ 6''$, and becauſe the declination is north, I ſubſtract the aſcenſionall difference from the right aſcenſion, and the reſidue $33^d\ 11'\ 33''$ is the oblique aſcenſion: likewiſe I adde the aſcenſionall difference to the right aſcenſion, and the ſumme $84^d\ 49'\ 45''$ is the oblique deſcenſion. *Following*

This table is calculated according to the 1 Propoſition of this Chapter, which is grounded upon a ſpherical Triangle Rectangle, whoſe ſolution in Trigonometry depends upon this proportion.

Vt ſinus totus, ad Sinum maximæ Declinationis, ita ſinus arcus Eclipticæ ab alterutro Æquinoctio incepti, ad ſinum Declinationis puncti illius in Ecliptica, quod dictum arcum terminat.

For Demonſtration ſake, ſee my *Harmonicon Cœleſte*, *fol.* 22.

The uſe of this Table.

IF you finde the ſigne of the Suns place on the Head, then muſt you finde the Degree in the firſt Row on the left hand, but if the ſigne be found at the foot, then finde the degree in the laſt Row, ſo wil the common Angle give you the true declination of the Sun in the Ecliptique from the Equinoctiall line. Thus when the Sun is in 15 degrees ♉, his declination wil be found to be 16 degrees, $23''\ 39''$ North, becauſe it is a Northern ſigne.

A Table of the Suns Declination

for every degree of the Ecliptique.

Degr.	♈ ♎ D	′	″	♉ ♍ D	′	″	♊ ♐ D	′	″	Degr.
0	0	0	0	11	30	42	20	13	22	30
1	0	23	56	11	51	48	20	25	57	29
2	0	47	53	12	12	40	20	38	9	28
3	1	11	49	12	33	21	20	49	58	27
4	1	35	44	12	53	50	21	1	25	26
5	1	59	37	13	14	5	21	12	9	25
6	2	23	28	13	34	7	21	23	7	24
7	2	47	16	13	53	57	21	33	22	23
8	3	11	4	14	13	32	21	43	15	22
9	3	34	47	14	32	53	21	52	43	21
10	3	58	28	14	51	59	22	1	45	20
11	4	22	4	15	10	50	22	10	22	19
12	4	45	37	15	29	26	22	18	35	18
13	5	9	5	15	47	47	22	26	22	17
14	5	32	29	16	5	51	22	33	44	16
15	5	55	47	16	23	39	22	40	39	15
16	6	18	58	16	41	9	22	47	10	14
17	6	42	6	16	58	22	22	53	13	13
18	7	5	6	17	15	18	22	58	51	12
19	7	28	0	17	31	54	23	4	3	11
20	7	50	46	17	48	14	23	8	47	10
21	8	13	26	18	4	14	23	13	5	9
22	8	35	58	18	19	57	23	16	56	8
23	8	58	20	18	35	18	23	20	20	7
24	9	20	34	18	50	21	23	23	18	6
25	9	42	41	19	5	4	23	25	48	5
26	10	4	38	19	19	26	23	27	51	4
27	10	26	24	19	33	27	23	29	27	3
28	10	48	2	19	47	7	23	30	35	2
29	11	9	27	20	0	26	23	31	17	1
30	11	30	42	20	13	22	23	31	30	0
Degr.	D	′	″	D	′	″	D	′	″	Degr.
	♑	♓		♌	♍		♋	♑		

A Table of the *Declination* and *Right Ascension* of 80 of the principallest *Fixed Stars*, being calculated for the beginning of the Year 1655.

Names of the Stars.	*Declination* D.	m.		*R. Ascen.* D.	M
Scheder.	54	40	N	5	21
Southern star of the Whales tail	19	54	S	6	34
The starre in the Flexion of Cassiopeia	58	51	N	9	9
The Girdle of Andromeda	33	50	N	12	36
Knee of Cassiopeia	58	25	N	15	55
The former horne of the Ram	17	36	N	23	42
Whales belly	12	0	S	23	40
Hinder horn of the Ram	19	6	N	23	55
The South foot of Andromeda	40	39	N	25	44
The bright star of the Ram	21	49	N	27	0
Bright star in the jaw of the Whale	2	45	N	41	6
The Head of Medusa	39	35	N	41	31
The bright side of Perseus	48	33	N	44	50
Bright star of the Pleiades	23	0	N	51	46
The north eye of the Bull	18	23	N	62	7
Aldebaran, the South eye of the Bull	15	46	N	64	3
The Goat	45	35	N	72	49
The bright foot of *Orion*	8	38	S	74	33
North horn of the Bull	28	16	N	76	9
The former shoulder of *Orion*	5	59	N	76	42
Former star of the belt of *Orion*	0	35	S	78	40
Highest star in the head of *Orion*	9	40	N	79	6
The southern Horne of the Bull	20	55	N	79	16
Middlemost star of *Orions* belt	1	27	S	79	43
Lowst star of the belt	2	9	S	80	52
The right shoulder of *Auriga*	44	52	N	83	44
Following shoulder of *Orion*	7	18	N	84	11
The bright foot of *Geminie*	16	39	N	94	26
Syrius the greater Dogge	16	13	S	97	30
Procion, the lesser Dogge	6	6	N	110	21
Bright star in the hin deck of the ship	23	19	S	118	14
North Asselsus	22	40	N	125	47
South Asellus	19	24	N	126	15
Head of Hydra	9	10	N	137	43
The Lyons hea[illegible] *Basiliscus*	13	38	N	147	30
The star in the hinder part of the Lyons neck	24	7	N	149	21
Lowest star going before in [illegible] of the great Bear	58	13	N	160	5

Names of the Starres.	Declination D.	M.		R. Aſcenſ D.	M
Bright ſtar in the flank of *Leo*	22	24	N	163	58
Tail of the Lyon	16	30	N	172	53
Girdle of Virgo	5	18	N	189	36
Root of the great Bears tail	57	51	N	189	39
Vindemiatrix	12	49	N	191	18
Virgins ſpick	9	19	S	196	48
Laſt ſave one of the great Bears tail	56	45	N	197	29
Laſt ſtar of the ſaid tail	51	5	N	203	28
Arcturus	21	2	N	210	3
Left ſhoulder of Bootes	39	48	N	214	36
South Ballance	14	33	S	218	0
North ballance	8	3	S	224	39
Bright ſtar of the Crown	27	43	N	231	0
Bright ſtar of the Serpents neck	7	35	N	231	54
Left hand of Ophiucus	2	47	S	239	11
Antares, the Scorpions heart	25	35	S	242	9
Right ſhoulder of Hercules	22	19	N	243	51
Left knee of Ophichus	9	47	S	244	35
Right knee of Ophiuchus	15	12	S	251	17
Head of Hercules	14	51	N	254	44
Head of Ophiuchus	12	52	N	259	45
Right ſhoulder of Ophiuchus	4	46	N	261	36
Bright ſtar of the Dragons head	51	36	N	267	12
Bright ſtar of the Harp	38	30	N	275	19
Tail of the Vultur	13	24	N	282	27
Bill of the Swan	27	16	N	289	13
Bright ſtar of the Vultur	8	1	N	293	31
Higher wing of the Swan	44	20	N	293	36
Higher horne of the Goat	13	31	S	299	43
Lower horne of the Goat	15	48	S	300	27
Left hand of *Aquarius*	10	42	S	307	14
Swans-tail	44	5	N	307	26
Lower wing of the Swan	32	42	N	308	4
Left ſhoulder of *Aquarius*	7	1	S	318	21
Girdle of Cepheus	69	4	N	320	58
Mouth of Pegaſus	8	19	N	321	53
Right ſhoulder of *Aquarius*	1	57	S	327	3
Fomahant *Aquarius*	31	22	S	339	32
Scheat	26	14	N	341	49
Marchab	13	23	N	341	57
The head of Andromeda	27	13	N	357	41
Bright ſtar in the Chair of Caſſiopeia	57	17	N	357	47
Extream ſtar of the Wing of Pegaſus	13	17	N	358	56

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A Table of Ascensionall Differences, calculated according to the 6. Chap. 3 Prop. for 10 severall Elevations, being very usefull for the speedy finding the obliqne Ascension and Descension of ☉, ☾ and Starres.

Degrees of Declination.	Elevation of the Pole. 48		49		50		51		52		53		54		55		56		57	
	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
1	1	7	1	9	1	12	1	14	1	17	1	20	1	23	1	20	1	29	1	32
2	2	13	2	18	2	23	2	28	2	34	2	39	2	45	2	51	2	58	3	5
3	3	20	3	27	3	35	3	43	3	51	3	59	4	8	4	17	4	27	4	38
4	4	27	4	37	4	47	4	57	5	8	5	19	5	31	5	44	5	57	6	11
5	5	35	5	47	5	59	6	12	6	26	6	40	6	55	7	11	7	27	7	44
6	6	42	6	57	7	12	7	27	7	44	8	1	8	19	8	38	8	58	9	19
7	7	50	8	7	8	25	8	43	9	2	9	23	9	44	10	16	10	29	10	54
8	8	59	9	18	9	38	10	0	10	22	10	45	11	9	11	35	12	1	12	30
9	10	8	10	30	10	53	11	17	11	42	12	8	12	35	13	4	13	35	14	7
10	11	18	11	42	12	8	12	35	13	3	13	32	14	3	14	35	15	9	15	45
11	12	28	12	55	13	24	13	53	14	24	14	57	15	31	16	7	16	45	17	25
12	13	39	14	9	14	40	15	13	15	47	16	23	17	1	17	40	18	22	19	6
13	14	51	15	24	15	58	16	34	17	11	17	5	18	32	19	15	20	1	20	50
14	16	5	16	40	17	17	17	56	18	37	19	19	20	4	20	52	21	42	22	35
15	17	19	17	57	18	37	19	19	20	4	20	52	21	38	22	30	23	24	24	22
16	18	34	19	16	19	59	20	44	21	32	22	22	23	15	24	10	25	9	26	12
17	19	51	20	36	21	22	22	11	23	2	23	56	24	53	25	53	26	57	28	5
18	21	9	21	57	22	47	23	39	24	34	25	33	26	34	27	39	28	48	30	1
19	22	29	23	20	24	14	25	10	26	9	27	11	28	17	29	27	30	41	32	1
20	23	51	24	45	25	43	26	43	27	46	28	53	30	4	31	19	32	39	34	5
21	25	14	26	12	27	14	28	18	29	26	30	37	31	54	33	15	34	41	36	14
22	26	40	27	42	28	48	29	56	31	8	32	25	33	47	35	14	36	48	38	28
23	28	8	29	14	30	24	31	37	32	54	34	17	35	45	37	19	39	0	40	49
24	29	38	30	48	32	3	33	21	34	44	36	13	37	48	39	29	41	18	43	17
25	31	12	32	26	33	46	35	10	36	39	38	14	39	56	41	45	43	44	45	54
26	32	48	34	8	35	32	37	3	38	38	40	20	42	10	44	9	46	18	48	41
27	34	28	35	53	37	23	39	0	40	42	42	33	44	42	46	41	49	4	51	41
28	36	12	37	42	39	19	41	2	42	53	44	53	47	2	49	24	52	1	54	58
29	38	0	39	37	41	21	43	12	45	12	47	21	49	44	52	20	55	16	58	36
30	39	53	41	37	43	29	45	29	47	39	50	1	52	37	55	32	58	52	62	45
31	41	52	43	44	45	44	47	54	50	16	52	53	55	48	59	6	62	58	67	42
32	43	57	45	57	48	8	50	30	53	7	56	1	59	19	63	10	67	53	74	12
33	46	9	48	20	50	43	53	19	56	13	59	31	63	21	68	2	74	19	90	0
34	48	31	50	53	53	30	56	24	59	42	63	31	68	11	74	26	90	0		
35	51	3	53	40	56	34	59	51	63	40	68	19	74	32	90	0				
36	53	48	56	48	60	2	63	48	68	25	74	37	90	0						
37	56	49	60	16	63	46	68	31	74	42	90	0								
38	60	11	64	0	68	36	74	45	90	0										
39	64	4	68	41	74	49	90	0												
40	68	44	74	52	90	0														
41	74	54	90	0																
42	90	0																		

CHAP. VII.

To finde the time of the Sunnes riſing and ſetting, and conſequently the length of the day and night, and when Twilight begins and ends.

BY the third Propoſition of the former Chapter or elſe by the former Table, finde the aſcenſional difference, which convert into time, then obſerve whether the Sun hath north or ſouth declination; if north declination, add the aſcenſionall difference to the ſemidiurnall arch of the right ſphear, which is 6 hours, and the ſumme wil be the time of the Suns ſetting, but if he have ſouth declination, make ſubſtraction, and the difference wil be your deſire.

Thus when the Sun is in ☌ *Gemini*, his aſcenſionall difference under the latitude of 51 d 32′ will be found to be 27 d 37′ 28″, which being reduced into time, makes 1 h 50′ 30″, and becauſe the Sun is in a northern ſigne, I adde the aſcenſionall difference to the ſemidiurnall arch of the right ſphear, 6 hours, and the ſum 7 h 50′ 30″ is the ſemidiurnall arch of the ſun when he enters *Gemini* in the latitude of 51 d 32′ north.

Again, admit the ſun be in the oppoſite point, *viz.* ☌ *Sagitarius* (which is a ſoutherly ſigne) then according to the former rule, I deduct the aſcenſionall difference 1 h 50′ 30″, from the ſemidiurnall arch of the right ſphear 6 hours, and the reſidue 4 h 9′ 30″, is the time of the ſunnes ſetting, or his ſemidiurnall arch, when he is in ☌ *Sagitarius*.

Having thus found the ſemidiurnall arch of the ſun, you may by doubling the ſame, obtein the length of the day, whoſe complement to 24 hours, is the length of the night, which bi-ſected, giveth the time of the ſuns riſing: as in the firſt example, the ſemidiurnall arch is 7 h 50′ 30″ whoſe double is the length of the day 15 h 41′ 0″, the complement whereof to 24 hours, *viz.* 8 h 19′ is the length of the night, the half whereof 4 h 9′ 30″, is the time of the ſuns riſing. And this is meant when the ſun is exactly in that point at the eſtimate time, either of his riſing or ſetting: therefore always

alwayes when his riſing or ſetting is required exactly, ſeeke his place in the Ephemeris, as neer the time thereof as you can, and not at noon, becauſe he alters and changeth his place every houre.

To finde the Quantity of Twilight by the following table.

The following table of twilight is calculated for the ſuns depreſſion under the Horizon 18°, and ſerves for 10 ſundry elevations, which table was firſt calculated by Dr. *Marcellus Francolinus* (ſometime ſcholler to that famous Mathematician *Clavius*) according to the doctrine of *Peter Nonius*, a Portugall and Mathematician of great note, ſo that for the ground thereof, I referre you to his learned and elegant Book *de Crepuſculis*, where you may be fully ſatisfied; but the uſe of the table is thus. Finde the elevation of the pole in the Head of the table, and the ſigne and degree of the ſuns place, either in the firſt or laſt Row of the table, the common angle will give the time of twilight deſired. And note that if the ſun be in the 6 northern ſignes, you muſt uſe the firſt face of the table, but if he be in the 6 ſouthern, you muſt then uſe the latter face thereof,

Thus in the latitude of 52d when the ſun enters the 18d of *Taurus* the quantity of twilight will be found to be 2h 56', &c.

A Table, shewing the quantity of Twilight, in the six Northern *Signes* for ten sundry Elevations.

☌ place	*Altitude of the Pole-artique.* 48 h ′	49 h ′	50 h ′	51 h ′	52 h ′	53 h ′	54 h ′	55 h ′	56 h ′	57 h ′	☉ place
♈	1 50	1 52	1 55	1 58	2 1	2 4	2 7	2 10	2 14	2 18	♎
3	1 51	1 53	1 56	1 59	2 2	2 5	2 8	2 12	2 16	2 20	27
6	1 52	1 54	1 57	2 0	2 3	2 6	2 10	2 14	2 18	2 22	24
9	1 53	1 55	1 58	2 1	2 4	2 8	2 12	2 15	2 20	2 24	21
12	1 54	1 57	2 0	2 3	2 6	2 10	2 14	2 17	2 22	2 27	18
15	1 55	1 58	2 1	2 4	2 8	2 12	2 16	2 20	2 25	2 31	15
18	1 57	2 0	2 3	2 6	2 10	2 14	2 19	2 24	2 28	2 35	12
21	1 58	2 2	2 5	2 8	2 13	2 17	2 22	2 27	2 32	2 39	9
24	2 0	2 4	2 7	2 11	2 16	2 20	2 25	2 31	2 37	2 45	6
27	2 2	2 6	2 10	2 14	2 19	2 24	2 29	2 36	2 42	2 52	3
♉	2 4	2 8	2 12	2 17	2 22	2 28	2 34	2 42	2 49	3 0	♍
3	2 7	2 11	2 15	2 21	2 26	2 33	2 39	2 48	2 57	3 9	24
6	2 10	2 14	2 19	2 25	2 31	2 38	2 45	2 56	3 8	3 23	21
9	2 13	2 17	2 23	2 29	2 35	2 43	2 54	3 5	3 19	3 40	28
12	2 16	2 21	2 27	2 34	2 41	2 50	3 3	3 17	3 42		15
15	2 20	2 25	2 31	2 39	2 47	2 59	3 12	3 35			18
18	2 23	2 30	2 36	2 45	2 56	3 9	3 30				12
21	2 27	2 34	2 42	2 52	3 6	3 21					9
24	2 31	2 39	2 49	2 59	3 15	3 55					6
27	2 36	2 44	2 56	3 11	3 34						3
♊	2 41	2 50	3 4	3 23							♌
3	2 46	2 58	3 14	3 45							27
6	2 51	3 13	3 25								24
9	2 57	3 25	3 43								21
12	3 2	3 36									18
15	3 7	3 50									15
18	3 13										12
21	3 20										9
24	3 26										6
27	3 30										3
♋	3 30										♋

A Table, shewing the quantity of Twilight, in the six Southern *Signes* for ten sundry Elevations.

☉ place	Altitude of the Pole-Artique. 48	49	50	51	52	53	54	55	56	57	☉ place
	h ,	h ,	h ,	h ,	h ,	h ,	h ,	h ,	h ,	h ,	
♑	1 50	1 52	1 55	1 58	2 1	2 4	2 7	2 10	2 14	2 18	♈
3	1 49	1 52	1 54	1 57	2 0	2 3	2 6	2 9	2 13	2 17	27
6	1 49	1 51	1 53	1 56	1 59	2 2	2 5	2 8	2 12	2 16	24
9	1 49	1 51	1 53	1 56	1 58	2 1	2 4	2 7	2 11	2 15	21
12	1 48	1 51	1 53	1 56	1 58	2 1	2 4	2 7	2 10	2 14	18
15	1 48	1 50	1 53	1 55	1 58	2 1	2 4	2 7	2 10	2 14	15
18	1 48	1 50	1 53	1 55	1 58	2 1	2 4	2 7	2 10	2 14	12
21	1 48	1 50	1 53	1 55	1 58	2 1	2 4	2 7	2 10	2 13	9
24	1 48	1 51	1 53	1 55	1 58	2 1	2 4	2 7	2 10	2 14	6
27	1 49	1 51	1 53	1 56	1 58	2 1	2 4	2 7	2 10	2 14	3
♏	1 49	1 51	1 54	1 56	1 59	2 2	2 4	2 8	2 11	2 14	♓
3	1 49	1 52	1 54	1 57	1 59	2 2	2 5	2 8	2 12	2 15	27
6	1 50	1 52	1 55	1 57	2 0	2 3	2 6	2 9	2 13	2 16	24
9	1 50	1 53	1 55	1 58	2 0	2 3	2 7	2 10	2 14	2 17	21
12	1 51	1 54	1 56	1 59	2 1	2 4	2 8	2 11	2 15	2 18	18
15	1 52	1 54	1 57	1 59	2 2	2 5	2 9	2 12	2 16	2 20	15
18	1 53	1 55	1 57	2 0	2 3	2 6	2 10	2 13	2 17	2 21	12
21	1 53	1 56	1 58	2 1	2 4	2 7	2 11	2 14	2 18	2 22	9
24	1 54	1 56	1 59	2 2	2 5	2 8	2 12	2 15	2 19	2 24	6
27	1 55	1 57	2 0	2 3	2 6	2 9	2 13	2 17	2 21	2 25	3
♐	1 55	1 58	2 1	2 4	2 7	2 10	2 14	2 18	2 22	2 27	♉
3	1 56	1 59	2 2	2 5	2 8	2 11	2 15	2 19	2 23	2 28	27
6	1 57	2 0	2 3	2 6	2 9	2 12	2 16	2 20	2 25	2 30	24
9	1 58	2 1	2 3	2 7	2 10	2 13	2 17	2 21	2 26	2 31	21
12	1 58	2 1	2 4	2 7	2 11	2 14	2 18	2 22	2 27	2 33	18
15	1 59	2 2	2 5	2 8	2 12	2 15	2 19	2 23	2 28	2 34	15
18	1 59	2 2	2 5	2 8	2 12	2 16	2 20	2 24	2 29	2 35	12
21	2 0	2 2	2 6	2 9	2 13	2 16	2 21	2 25	2 30	2 35	9
24	2 0	2 3	2 6	2 9	2 13	2 17	2 21	2 25	2 30	2 36	6
27	2 0	2 3	2 6	2 10	2 14	2 17	2 22	2 26	2 31	2 37	3
♑	2 1	2 3	2 6	2 10	2 14	2 18	2 22	2 26	2 31	2 37	♈

CHAP. VIII.

To finde the true time of the Rising, Southing and Setting of the Moon, Planets and Fixed Stars. First, of their Culmination, or Southing.

AT the estimate time of the Culmination, seek in the Ephemeris the true place of the sun, and also the true place of the star, whose southing is desired, then as I have directed in the sixth Chapter, finde the Right Ascensions, which known, subduct the Right Ascension of the sun from the Right Ascension of the star, and the residue wil be the time of southing.

Example. The 15 of *September* 1652, it is required to finde the true time of the comming to the south of ♃, and because he is removed from the sun in consequence of the signs neer three whole *Dodecatemories*, I gheſſe the time of his Culmination to be about six at night, at which time the true place of the sun, is found in the Ephemeris, in three degrees six minutes of *Libra* and ♃, in four degrees seven minutes of *Capricorn*, with 0 degrees, 13 minutes south latitude. Therefore,

The right Ascension of ♃ is 274d 30′
The right Ascension of the *Sun* is 182 50

Difference 91 40 which converted into time, giveth 6 houres, 6 minutes, 40 seconds, which is the exact time of ♃, being upon the Meridian that present evening.

The same afternoon, I desire to know at what time *Antares*, or the *Scorpions Heart*, wil be upon the Meridian; I imagine it wil be about the houre of 3, at which time I finde

The right Ascension of *Antares*, 242d 6′
The right Ascension of the *Sun*, 182 44

Difference 59 22: which being reduced into time, tels me that *Antares* wil be upon the Meridian at three houres 57 minutes 28 seconds that afternoon.

To find the time of the rising of the Moon, Planets, or other Stars.

That we may know at what houre of the Day or Night, the

Moon or any other ſtar riſeth, ſeek in the Ephemeris for the place of the ſun at the time propoſed, in like manner ſeek for the place of the Planet, then as before is taught, you may ſpeedily finde their Oblique Aſcenſion, which being known, ſubſtract the oblique aſcenſion of the ſun, from the oblique aſcenſion of the ſtar, and the arch remaining being converted into time, and added to the time of the Suns riſing, will give the time of the riſing of the ſtar.

Example. The 25d of *December* 1652 the riſing of ♄ is required, on which day, I gueſſe by his diſtance from the Sun, that he will riſe about 6 in the evening, at which time the place of the Sun in the Ephemeris is found to be 15d 0′ ♑, alſo, the place of ♄ 11d 22′, ♏, with latitude 0d 50′ north; hence the oblique aſcenſion of the ſun and ♄ are thus enquired, and conſequently the time of the riſing of ♄.

The operation.

Place of ☉ 15d 0′ ♑	Place of ♄ 11d 22′ ♏
Declina. ☉ 22d 41 north.	Latitude ♄ 0d 50′ north.
R. aſcenſion of ☉ 286d 17′	Declination of ♄ 18d 13′
Aſcenſion diff. 31d 44′	R. aſcenſion 134d 5′
Oblique aſc. of ☉ 318d 1′	Aſcenſial difference 24d 28′
Sun riſing at 8h 7′	Oblique aſcenſion 109d 37′

Now in regard *Saturns* oblique Aſcenſion is leſſe then the ſuns, I add the whole Circle 360d, and from the Sum 469d 37′, I take the oblique aſcenſion of the ſun 318d 1′ and the reſidue 151d 36′ being converted into time, giveth 10h 6′ 24″; to which adding the time of ſun-riſing 8h 7′ the Aggregate is 18h 13′ 24″, from which take 12h there remains 6h 13′ 24″, then if we abate 2′ for the refraction, we ſhal have the exact time of *Saturns* riſing the 25d of *December* 1652, at 6h 11′ 20″ afternoon.

Againe, the 6 of *December* the ſame year, I would know at what houre and min. the Moon riſeth, and in regard it's not then fully two dayspaſt the full moon, I ſuppoſe ſhe will riſe that evening about 5 of the clock, at which time the ſun is found in the Ephemeris in 25d 33′ of *Sagitarius*, and the Moon in 15d 38′ ♋, with latitude 4d 45′ north, which known, the time of her riſing is ſought as followeth.

The

The operation.

Place of ☉ 25d 33′ ♐	Place of the ☾ 15d 38′ ♋
Declination ☉ 23d 27′ south.	Latitude of ☾ 4d 45′ north.
R. Aſcenſion of ☉ 265d 9′	Declination ☾ 27d 20′ north.
Aſcenſional difference 33d 5′	R. Aſcenſion 107d 35′
Oblique aſcenſion 298d 14′	Aſcenſional difference 40d 35′
Sun riſing at 8h 12′	Oblique aſcention 67d 0′

Whole circle		360d 0′
Oblique aſcenſion of ☾		67 0
	Aggreg.	427 0
Oblique aſcention ☉	ſub.	298 14
	Reſts	128 46

which being reduced into time, giveth 8h 35′, to which adding the time of the ſuns riſing 8h 12′ the ſum is 16h 47′, and then adding 2′ for the exceſſe of her parallax above her Refraction, the exact time of her riſing will be at 49′ paſt 4 in the evening.

To finde the time of the ſetting of the ☾, or any other Planet or Star.

THe time of the ſetting of a ſtar may be found partly after the ſame manner, for at the faigned time of their ſetting, compute the oblique decenſion of the ſun, and time of his ſetting, as before we ſhewed, as alſo the oblique deſcenſion of the ſtar, which had, ſubſtract the oblique deſcenſion of the ſun, from the oblique deſcenſion of the ſtar, and the reſidue convert into hours, which added to the time of the ſetting of the ſun, will give the time of the ſetting of the ſtar. And here you muſt note, that the refraction is to be conſidered, as aforeſaid, except in the ☾, whoſe parallax with refraction is to be conſider'd.

Example 1. To know the time of the ſetting of the ☾ the 23d of *January* 1652. I imagine ſhe will ſet about halfe an hour paſt 10 at night, at which time is given.

Place of ☉ 14d 42′ ♒	Place of ☽ 18d 8′ ♈
Declination ☉ 16. 29 ſouth.	Latitude ☽ 2d 10′ north.
R. Aſcenſion 317d 11′	Declination 9d 7′ north.
Aſcenſional difference 21d 52′	R. Aſcenſion 15d 53′
Oblique deſcenſion 295d 19′	Aſcenſi, difference 11d 39′
Suns ſetting 4h 32′ 32″	Oblique deſcenſion 27d 32′.

To the oblique descension of the Moon, I adde the whole circle 360d. and from the summe 387d 32′, I take the oblique descension of the Sun 295d 19′, and the residue 92d 13′ being converted into time is 6h 8′ 52″; to which adding the time of the Suns setting 4h 32′ 32″, the Aggregate is 10h 41′ 24″, from which (for the excesse of her Parallax above her refraction) I substract 2′, and the remainer 10h 39′ 24″ is the time of the Moons setting the 23d of *January* 1653 in the evening.

Likewise the same day the setting of the Star call'd *Aldebaran*, or the Buls eye, is required; the estimate time whereof is about two in the morning, at which time is given;

Place of ☉ 13d 51′ ♒	
Declination of ☾ 16d 44′	Declination of *Aldeb.* 15d 46′
Right ascension ☉ 316d 20′	Right ascension 64d 1′
Ascensionall difference 22d 14′	Ascensional difference 20d 49′
Oblique descension 294d 7′	Oblique descension 84d 50′
Sun setting at Ho. 4 31 4″	

Summe of the Circle, Oblique descension of *Aldebaran* 444d 50′
Oblique descension of ☉ *substract* 294 7

Rests 150 43

Which converted into time is Ho. 10 2′ 52″
Time of Sun setting, *adde* Ho. 4 31 4

Summe Ho. 14 33 56
For the refraction of *Aldebaran adde* 2

Ho. 14 35 56

Therefore I conclude, that *Aldebaran* sets that morning at 36′ past two of the clock.

Of the rising and setting of the Planets with the fixed Stars.

A Planet is said to rise with a fixed star, when they are both in the East Horizon at one moment, and in like manner to set together when they are both at one time in the West Horizon, therefore seek the Oblique ascension, or Descension of the Planet, and other star required, agreeing to the Elevation of your Pole, then compare them together, and the difference wil shew the space of their

their Riſing or ſetting one from another, and when their Oblique aſcenſions ſhal agree, and be one, you may conclude they riſe together, ſo alſo when their Oblique Deſcenſions ſhall be equall, they then ſet together. But becauſe this way is ſomwhat intricate, and not very ready for practice, I intend in the ſecond Part of the Ephemerides to inſert a Table of Oblique aſcenſions to 8 degrees of latitude, agreeing to the Elevation of *London*, whereby I may ſhew, not onely how to finde ſpeedily the riſing and ſetting of the Moon, Planets and Fixed Stars, by themſelves, but alſo when any two, or more, riſe or ſet together, and therefore I ſhall here forbear to ſpeak further of that matter.

A Table of converting the Hours and Minutes of time, into Degrees and Minutes of the Æquator.

Hours	Degrees of the Æquator
1	15
2	30
3	45
4	60
5	75
6	90
7	105
8	120
9	135
10	150
11	165
12	180
13	195
14	210
15	225
16	240
17	255
18	270
19	285
20	300
21	315
22	330
23	345
24	360

Minutes	Degrees and Minutes of the Æquator D	M
1	0	15
2	0	30
3	0	45
4	1	0
5	1	15
6	1	30
7	1	45
8	2	0
9	2	15
10	2	30
11	2	45
12	3	0
13	3	15
14	3	30
15	3	45
16	4	0
17	4	15
18	4	30
19	4	45
20	5	0
21	5	15
22	5	30
23	5	45
24	6	0
25	6	15
26	6	30
27	6	45
28	7	0
29	7	15
30	7	30

Minutes	Degrees & Minutes of the Æquat. D	M.
31	7	45
32	8	0
33	8	15
34	8	30
35	8	45
36	9	0
37	9	15
38	9	30
39	9	45
40	10	0
41	10	15
42	10	30
43	10	45
44	11	0
45	11	15
46	11	30
47	11	45
48	12	0
49	12	15
50	12	30
51	12	45
52	13	0
53	13	15
54	13	30
55	13	45
56	14	0
57	14	15
58	14	30
59	14	45
60	15	0

A Table of the Right Ascension of the Sunne.

Degr.	♈ D.	M.	♉ D.	M.	♊ D.	M.	♋ D.	M.	♌ D.	M.	♍ D.	M.
0	0	0	27	54	57	48	90	0	122	12	152	6
1	0	55	28	51	58	51	91	5	123	14	153	4
2	1	50	29	49	59	53	92	11	124	17	154	1
3	2	45	30	46	60	56	93	16	125	19	154	58
4	3	40	31	44	61	59	94	22	126	20	155	54
5	4	35	32	42	63	3	95	27	127	22	156	51
6	5	30	33	40	64	6	96	32	128	24	157	48
7	6	25	34	38	65	9	97	38	129	25	158	44
8	7	21	35	37	66	13	98	43	130	26	159	40
9	8	16	36	36	67	17	99	48	131	27	160	37
10	9	11	37	34	68	21	100	53	132	28	161	33
11	10	6	38	33	69	25	101	58	133	28	162	29
12	11	2	39	32	70	29	103	3	134	25	163	25
13	11	57	40	31	71	34	104	8	135	29	164	20
14	12	53	41	31	72	38	105	13	136	29	165	16
15	13	48	42	31	73	43	106	17	137	29	166	12
16	14	44	43	31	74	47	107	22	138	29	167	7
17	15	40	44	31	75	52	108	26	139	28	168	3
18	16	35	45	31	76	57	109	31	140	27	168	58
19	17	31	46	32	78	2	110	35	141	27	169	54
20	18	27	47	32	79	7	111	39	142	26	170	49
21	19	23	48	33	80	12	112	43	143	24	171	44
22	20	20	49	34	81	17	113	47	144	23	172	39
23	21	16	50	35	82	22	114	51	145	22	173	35
24	22	12	51	36	83	28	115	54	146	20	174	30
25	23	9	52	38	84	33	116	57	147	18	175	25
26	24	6	53	40	85	38	118	1	148	16	176	20
27	25	2	54	41	86	44	119	4	149	14	177	15
28	25	59	55	43	87	49	120	7	150	11	178	10
29	26	56	56	46	88	55	121	9	151	9	179	5
30	27	54	57	48	90	0	122	12	152	6	180	0

A Table of the Right Ascension of the Sunne.

Dayes	♎ D. M.	♏ D. M.	♐ D. M.	♑ D. M.	♒ D. M.	♓ D. M.
0	180 0	207 54	237 48	270 0	302 12	332 6
1	180 55	208 51	238 51	271 5	303 14	333 4
2	181 50	209 49	239 53	272 11	304 17	334 1
3	182 45	210 46	240 56	273 16	305 19	334 58
4	183 40	211 44	241 59	274 22	306 20	335 54
5	184 35	212 42	243 3	275 27	307 22	336 51
6	185 30	213 40	244 6	276 32	308 24	337 48
7	186 25	214 38	245 9	277 38	309 25	338 44
8	187 21	215 37	246 13	278 43	310 26	339 40
9	188 16	216 36	247 17	279 48	311 27	340 37
10	189 11	217 34	248 21	280 53	312 28	341 33
11	190 6	218 33	249 25	281 58	313 28	342 29
12	191 2	219 33	250 29	283 3	314 29	343 25
13	191 57	220 32	251 34	284 8	315 29	344 20
14	192 53	221 31	252 38	285 13	316 29	345 16
15	193 48	222 31	253 43	286 17	317 29	346 12
16	194 44	223 31	254 47	287 22	318 25	347 7
17	195 40	224 31	255 52	288 26	319 28	348 3
18	196 35	225 31	256 57	289 31	320 27	348 58
19	197 31	226 32	258 2	290 35	321 27	349 54
20	198 27	227 32	259 7	291 39	322 26	850 49
21	199 23	228 33	260 12	292 43	323 24	351 44
22	200 20	229 34	261 17	293 47	324 23	352 39
23	201 16	230 35	262 22	294 51	325 21	353 35
24	202 12	231 36	263 28	295 54	326 20	354 30
25	203 9	232 38	264 33	296 57	327 18	355 25
26	204 6	233 40	265 38	298 1	328 16	356 20
27	205 2	234 41	266 44	299 4	329 14	357 15
28	205 59	235 43	267 49	300 7	330 11	358 10
29	206 56	236 46	268 55	301 9	331 9	359 5
30	207 54	237 48	270 0	302 12	332 6	360 0

A Table of Houses for the Latitude of 51 degrees 32 minutes.

R.A.	10		11		12		Ascend.		2		3	
M.C	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
0	0♈	0	12♉	39	28♊	29	26♋	41	15♌	54	4♍	25
1	1	5	13	57	29	25	27	26	16	38	5	16
2	2	11	15	12	0♋	20	28	8	17	22	6	8
3	3	16	16	28	1	15	28	52	18	6	6	57
4	4	22	17	43	2	9	29	35	18	51	7	48
5	5	27	18	56	3	1	0♌	19	19	34	8	39
6	6	33	20	9	3	55	1	2	20	18	9	31
7	7	38	21	21	4	48	1	45	21	2	10	22
8	8	43	22	34	5	40	2	27	21	45	11	13
9	9	48	23	45	6	32	3	11	22	29	12	4
10	10	53	24	56	7	24	3	54	23	14	12	55
11	11	58	26	6	8	14	4	36	23	57	13	45
12	13	3	27	16	9	5	5	19	24	41	14	37
13	14	8	28	25	9	56	6	2	25	24	15	28
14	15	13	29	33	10	45	6	44	26	8	16	19
15	16	17	0♊	41	11	35	7	27	26	52	17	11
16	17	22	1	48	12	25	8	10	27	36	18	2
17	18	27	2	55	13	14	8	51	28	20	18	53
18	19	31	4	1	14	2	9	34	29	4	19	44
19	20	35	5	7	14	51	10	16	29	48	20	36
20	21	39	6	12	15	40	10	58	0♍	31	21	27
21	22	43	7	16	16	29	11	39	1	15	22	18
22	23	47	8	20	17	16	12	22	2	0	23	10
23	24	51	9	23	18	4	13	3	2	44	24	0
24	25	54	10	27	18	50	13	45	3	27	24	52
25	26	58	11	30	19	38	14	28	4	11	25	43
26	28	1	12	32	20	25	15	10	4	55	26	34
27	29	4	13	33	21	12	15	52	5	40	27	26
28	0♉	6	14	33	21	58	16	34	6	24	28	17
29	1	9	15	33	22	45	17	15	7	7	29	9
30	2	12	16	33	23	32	17	58	7	52	0♎	0

A Table of Houses for the Latitude of 51 degrees 32 minutes.

A.R.	10		11		12		Ascend.		2		3	
D	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
31	3♉	14	17♊	32	24♋	17	18♌	40	8♍	35	0♎	51
32	4	17	18	31	25	3	19	22	9	19	1	43
33	5	19	19	30	25	49	20	4	10	3	2	35
34	6	21	20	29	26	35	20	46	10	48	3	26
35	7	22	21	27	27	20	21	27	11	32	4	17
36	8	23	22	25	28	5	22	9	12	16	5	8
37	9	25	23	22	28	52	22	51	13	0	6	0
38	10	26	24	19	29	37	23	33	13	45	6	51
39	11	27	25	16	0♌	22	24	15	14	29	7	43
40	12	27	26	12	1	7	24	57	15	12	8	34
41	13	28	27	9	1	52	25	38	15	57	9	25
42	14	29	28	4	2	36	26	20	16	41	10	17
43	15	29	28	59	3	21	27	3	17	26	11	08
44	16	29	29	55	4	6	27	44	18	9	11	59
45	17	29	0♍	50	4	51	28	26	18	54	12	50
46	18	29	1	45	5	35	29	8	19	39	13	41
47	19	28	2	40	6	20	29	50	20	22	14	32
48	20	28	3	34	7	4	0♍	32	21	7	15	23
49	21	27	4	28	7	49	1	14	21	51	16	15
50	22	26	5	21	8	33	1	56	22	36	17	6
51	23	25	6	15	9	18	2	38	23	20	17	56
52	24	23	7	7	10	2	3	20	24	4	18	47
53	25	21	8	0	10	45	4	2	24	49	19	38
54	26	20	8	53	11	30	4	43	25	34	20	30
55	27	18	9	46	12	14	5	26	26	17	21	22
56	28	16	10	38	12	58	6	7	27	2	22	13
57	29	14	11	30	13	43	6	49	27	47	23	2
58	0♊	11	12	23	14	26	7	30	28	31	23	52
59	1	9	13	14	15	10	8	13	29	15	24	44
60	2	7	14	6	15	54	8	55	0♎	0	25	53

A Table of Houses for the Latitude of 51 degrees 32 minutes.

R.A.	10		11		12		Ascend.		2		3	
☉	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
61	3♊	4	14♋	58	16♌	38	9♍	26	0♎	45	26♎	25
62	4	1	15	50	17	23	10	19	1	29	27	15
63	4	57	16	42	18	6	11	1	2	13	28	6
64	5	54	17	32	18	51	11	42	2	58	28	57
65	6	51	18	24	19	34	12	25	3	42	29	48
66	7	48	19	15	20	18	13	7	4	26	0♏	39
67	8	44	20	6	21	2	13	49	5	11	1	29
68	9	49	20	56	21	45	14	32	5	56	2	19
69	10	37	21	47	22	29	15	12	6	40	3	10
70	11	33	22	38	23	14	15	55	7	24	4	0
71	12	29	23	28	23	57	16	38	8	8	4	49
72	13	24	24	19	24	41	17	19	8	53	5	40
73	14	20	25	10	25	24	18	1	9	38	6	30
74	15	16	26	0	26	8	18	44	10	21	7	21
75	16	12	26	50	26	52	19	26	11	6	8	11
76	17	7	27	49	27	36	20	9	11	51	9	1
77	18	3	28	39	28	20	20	51	12	34	9	51
78	18	58	29	20	29	4	21	33	13	19	10	41
79	19	54	♌	10	9	48	22	15	14	3	11	31
80	20	49	1	0	♍	31	22	57	14	47	12	20
81	21	44	1	51	1	15	23	40	15	31	13	11
82	22	40	2	41	2	0	24	21	16	15	14	1
83	23	35	3	31	2	43	25	4	17	0	14	51
84	24	30	4	21	3	27	5	45	17	44	15	41
85	25	25	5	11	4	11	26	28	18	29	16	31
86	26	20	6	1	4	55	27	10	19	12	17	20
87	27	15	6	51	5	40	7	53	19	57	18	10
88	28	10	7	41	6	24	28	34	20	41	19	0
89	29	5	8	31	7	7	29	17	21	24	19	50
90	0♋	0	9	21	7	52	0♎	0	22	8	20	39

A Table of Houses for the Latitude of 51 degrees, 32 minutes.

R.A.	10		11		12		Ascend.		2		3	
D	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
91	0♑55		10♑11		8♒35		0♓45		22♓53		21♒29	
92	1	50	11	1	9	17	1	25	23	36	22	19
93	2	45	11	51	10	1	2	7	24	20	23	9
94	3	40	12	40	10	46	2	50	25	4	23	59
95	4	35	13	36	11	32	3	32	25	49	24	48
96	5	30	14	20	12	16	4	15	26	33	25	38
97	6	25	15	16	13	0	4	56	27	17	26	29
98	7	20	16	0	13	45	5	39	28	1	27	19
99	8	16	16	49	14	29	6	21	28	45	28	9
100	9	11	17	39	15	13	7	3	29	29	29	0
101	10	6	18	29	15	57	7	46	0♈12		29	50
102	11	2	19	19	16	41	8	27	0	56	0♓40	
103	11	57	20	9	17	26	9	9	1	40	1	30
104	12	53	20	59	18	9	9	52	2	24	2	20
105	13	48	21	49	18	54	10	35	3	8	3	10
106	14	44	22	39	19	39	11	16	3	52	4	0
107	15	40	23	30	20	22	11	59	4	36	4	54
108	16	36	24	20	21	7	12	41	5	19	5	45
109	17	31	25	11	21	53	13	23	6	3	6	32
110	18	27	26	0	22	36	14	5	6	46	7	23
111	19	23	26	50	23	20	14	47	7	31	8	14
112	20	20	27	41	24	4	15	28	8	15	9	4
113	21	16	28	32	24	49	16	11	8	58	9	54
114	22	13	29	22	25	33	16	53	9	42	10	45
115	23	9	0♉13		26	17	17	35	10	26	11	36
116	24	6	1	4	27	2	18	18	11	9	12	28
117	25	3	1	54	27	47	19	0	11	55	13	19
118	25	59	2	45	28	30	19	41	12	40	14	10
119	26	56	3	35	29	15	20	24	13	23	15	2
120	27	53	4	25	0♌	0	21	6	14	6	15	54

A Table of Houses for the Latitude of 51 degrees 32 minutes.

R.A.	10		11		12		Ascend.		2		3	
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
121	28	51	5	16	0	45	21	47	14	50	16	46
122	29	49	6	8	1	29	22	30	15	34	17	38
123	0	46	6	58	2	13	23	11	16	17	18	30
124	1	44	7	49	2	58	23	53	17	2	19	22
125	2	42	8	39	3	43	24	34	17	46	20	14
126	3	40	9	30	4	26	25	17	18	30	21	8
127	4	39	10	22	5	11	25	58	19	15	22	0
128	5	37	11	13	5	56	26	40	19	58	22	53
129	6	35	12	4	6	40	27	22	20	42	23	45
130	7	34	12	54	7	24	28	4	21	27	24	39
131	8	33	13	45	8	8	28	48	22	11	25	32
132	9	32	14	37	8	53	29	28	22	56	26	26
133	10	32	15	28	9	38	0	10	23	40	27	20
134	11	31	16	19	10	21	0	52	24	25	28	15
135	12	31	17	10	11	6	1	34	25	9	29	10
136	13	30	18	1	11	51	2	16	25	54	0	5
137	14	31	18	53	12	34	2	57	26	39	1	1
138	15	31	19	44	13	19	3	40	27	24	1	56
139	16	32	20	36	14	3	4	22	28	8	2	51
140	17	33	21	27	14	48	5	3	28	53	3	48
141	18	33	22	18	15	31	5	45	29	38	4	44
142	19	34	23	10	16	15	6	27	0	23	5	41
143	20	35	24	1	17	0	7	9	1	8	6	38
144	21	37	24	52	17	44	7	51	1	55	7	35
145	22	38	25	43	18	28	8	33	2	40	8	33
146	23	39	26	34	19	12	9	14	3	25	9	31
147	24	41	27	25	19	57	9	56	4	11	10	30
148	25	43	28	17	20	41	10	38	4	57	11	29
149	26	46	29	9	21	25	11	20	5	43	12	28
150	27	48	0	0	22	8	12	2	6	29	13	27

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A Table of Houses for the Latitude of 51 degrees, 32 minutes.

R.A.	10		11		12		Ascend.		2		3	
D	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
151	28♎	51	0♏	51	22♏	58	12♐	45	7♑	15	14♓	27
152	29	54	1	43	23	36	13	26	8	2	15	27
153	0♍	56	2	34	24	20	14	8	8	48	16	27
154	1	59	3	26	25	5	14	50	9	35	17	28
155	3	2	4	17	25	49	15	32	10	22	18	30
156	4	6	5	8	26	33	16	15	11	10	19	33
157	5	9	6	0	27	16	16	57	11	56	20	37
158	6	13	6	50	28	9	17	38	12	44	21	40
159	7	17	7	42	28	45	18	21	13	31	22	44
160	8	21	8	34	29	29	19	2	14	20	23	48
161	9	25	9	24	0♎	12	19	44	15	9	24	53
162	10	29	10	16	0	56	20	26	15	58	25	59
163	11	33	11	7	1	40	21	9	16	46	27	5
164	12	38	11	58	2	24	21	50	17	35	28	12
165	13	43	12	49	3	8	22	33	18	25	29	19
166	14	47	13	41	3	52	23	16	19	15	0♑	27
167	15	52	14	32	4	36	23	58	20	4	1	35
168	16	57	15	23	5	19	24	41	20	55	2	44
169	18	3	16	15	6	3	25	24	21	46	3	54
170	19	7	17	5	6	46	26	6	22	36	5	4
171	20	12	17	56	7	31	26	49	23	28	6	15
172	21	17	18	47	8	13	27	33	24	20	7	26
173	22	22	19	38	8	58	28	15	25	12	8	39
174	23	27	20	29	9	42	28	58	26	5	9	51
175	24	33	21	21	10	26	29	41	26	59	11	4
176	25	38	22	12	11	9	0♈	25	27	51	12	17
177	26	44	23	3	11	54	1	8	28	43	13	32
178	27	49	23	56	12	38	1	52	29	35	14	48
179	28	55	24	44	13	22	2	34	0♉	35	16	3
180	0♎	0	25	35	14	6	3	19	1	31	17	21

A Table of Houses for the Latitude of 51 degrees 32 minutes.

R.A.	10		11		12		Ascend.		2		3	
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
181	1 ♎	5	26 ♎	25	14 ♏	50	4 ♐	3	♑	7	18 ♒	38
182	2	11	27	16	15	54	4	48	3	24	19	56
183	3	16	28	6	16	18	5	33	4	21	21	15
184	4	22	28	56	17	2	6	17	5	18	22	34
185	5	27	29	47	17	46	7	2	6	17	23	54
186	6	33	♏	38	18	30	7	46	7	16	25	15
187	7	38	1	29	19	15	8	32	8	16	26	35
188	8	43	2	19	19	58	9	16	9	17	27	58
189	9	48	3	9	20	43	10	2	10	19	29	19
190	10	53	3	59	21	27	10	48	11	21	0 ♓	44
191	11	58	4	49	22	11	11	33	12	24	2	9
192	13	3	5	40	22	56	12	19	13	28	3	32
193	14	8	6	30	23	40	13	6	14	34	4	56
194	15	13	7	21	24	25	13	51	15	39	6	21
195	16	17	8	11	25	9	14	38	16	45	7	48
196	17	22	9	1	25	54	15	26	17	52	9	14
197	18	27	9	51	26	39	16	13	19	0	10	41
198	19	31	10	41	27	24	17	2	20	10	12	8
199	20	35	11	31	28	9	17	51	21	21	13	35
200	21	39	12	21	28	53	18	38	22	33	15	4
201	22	43	13	11	29	38	19	28	23	45	16	33
202	23	47	14	1	0 ♐	23	20	17	24	59	18	2
203	24	51	14	51	1	8	21	6	26	14	19	31
204	25	54	15	41	1	55	21	56	27	31	21	0
205	26	58	16	31	2	40	22	46	28	46	22	29
206	28	1	17	20	3	26	23	37	♒	7	23	58
207	29	4	18	10	4	11	24	28	1	27	25	29
208	♏	6	19	0	4	57	25	20	2	49	26	59
209	1	5	19	49	5	43	26	12	4	12	28	30
210	2	12	20	39	6	29	27	5	5	38	0 ♈	0

A Table of Houses for the Latitude of 51 degrees 32 minutes.

A.R.	10		11		12		Ascend. 1		2		3	
D	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D	M.
211	3m	14	22m	29	7	16	28	3	7	5	1♈	30
212	4	17	23	19	8	3	28	56	8	33	3	1
213	5	19	23	9	8	49	29	50	10	1	4	31
214	6	21	23	59	9	36	0♈	45	11	32	6	11
215	7	22	24	49	10	22	1	40	13	6	7	30
216	8	23	25	39	11	10	2	36	14	41	8	59
217	9	25	26	29	11	56	3	33	16	17	10	29
218	10	26	27	19	12	44	4	30	17	54	11	58
219	11	27	28	9	13	32	5	28	19	34	13	27
220	12	27	29	0	14	20	6	28	21	16	14	56
221	13	28	29	50	15	9	7	27	22	58	16	25
222	14	29	0♐	40	15	58	8	29	24	42	17	52
223	15	29	1	30	16	46	9	32	26	29	19	19
224	16	29	2	20	17	3	10	36	28	18	20	46
225	17	29	3	10	18	25	11	40	0♓	8	22	12
226	18	29	4	0	19	14	12	45	1	59	23	39
227	19	28	4	50	20	4	13	51	3	49	25	3
228	20	28	5	43	20	54	14	58	5	43	26	28
229	21	27	6	31	21	45	16	6	7	39	27	51
230	22	26	7	22	22	36	17	16	9	36	29	16
231	23	25	8	13	23	28	18	28	11	34	♉	39
232	24	23	9	4	24	20	19	40	13	34	2	1
233	25	21	9	54	25	12	20	54	15	35	3	24
234	26	20	10	45	26	5	22	8	17	37	4	44
235	27	18	11	36	26	59	23	25	19	39	6	6
236	28	16	12	28	27	52	24	43	21	41	7	26
237	29	14	13	19	28	45	26	3	23	44	8	56
238	0♑	11	14	10	29	40	27	25	25	49	10	5
239	1	9	15	2	0♈	35	28	47	7	54	11	23
240	2	7	15	54	1	31	♎	13	0♈	0	12	39

A Table of Houses for the Latitude of 51 degrees 32 minutes.

R.A.	10		11		12		Ascend.		2		3	
D	D.	M.	D.	M.	D.	M.	D	M	D.	M.	D.	M.
241	3 ♐	4	10 ♐	46	♑	7	♒	41	♓	6	♉ 3	56
242	4	1	17	38	3	24	3	11	4	10	15	13
243	4	57	18	30	4	21	4	42	6	15	16	38
244	5	54	19	22	5	18	6	16	8	19	17	43
245	6	51	20	15	6	17	7	52	10	21	18	56
246	7	48	21	8	7	16	9	29	12	22	20	9
247	8	44	22	1	8	16	11	9	14	24	21	21
248	9	40	22	54	9	17	12	51	16	26	22	34
249	10	37	23	46	10	19	14	36	18	26	23	45
250	11	33	24	39	11	21	16	23	20	24	24	56
251	12	29	25	32	12	24	18	13	22	21	26	6
252	13	24	26	26	13	28	20	5	24	17	27	17
253	14	20	27	20	14	34	21	58	26	10	28	26
254	15	16	28	15	15	39	23	55	28	2	29	34
255	16	12	29	10	16	45	25	56	29	52	♊ 0	41
256	17	7	♍ 0	5	17	52	27	59	♈ 1	42	1	48
257	18	3	1	1	19	0	♉ 0	5	3	31	2	55
258	18	58	1	56	20	10	2	11	5	18	4	2
259	19	54	2	52	21	21	4	21	7	2	5	7
260	20	49	3	48	22	33	6	33	8	45	6	12
261	21	44	4	44	23	45	8	46	10	27	7	17
262	22	40	5	41	24	59	11	2	12	6	8	20
263	23	35	6	38	26	14	13	20	13	43	9	23
264	24	30	7	35	27	31	15	39	15	20	10	27
265	25	25	8	33	28	46	18	0	16	54	11	30
266	26	20	9	31	♋	7	20	22	18	28	12	31
267	27	15	10	30	1	27	22	43	18	58	13	32
268	28	10	11	28	2	49	25	8	21	27	14	33
269	29	5	12	27	4	12	27	34	22	58	15	33
270	♍ 0	0	13	27	5	38	0	0	24	22	16	33

A Table of Houses for the Latitude of 51 degrees 32 minutes.

R.A.	10		11		12		Ascend.		2		3	
D	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D	M.
271	0♈	55	14♈	27	7♎	5	2♈	26	25♉	48	17♊	33
272	1	50	15	27	8	33	4	52	27	11	18	32
273	2	45	16	28	10	2	7	17	28	33	19	30
274	3	40	17	29	11	32	9	38	29	53	20	29
275	4	35	18	30	13	5	12	0	1♊	14	21	27
276	5	30	19	33	14	40	14	21	2	29	22	25
277	6	25	20	36	16	17	16	40	3	46	23	22
278	7	20	21	40	17	54	18	58	5	1	24	19
279	8	16	22	44	19	33	21	14	6	15	25	16
280	9	11	23	48	21	15	23	27	7	27	26	12
281	10	6	24	53	22	58	25	37	8	39	27	8
282	11	2	25	58	24	42	27	47	9	50	28	4
283	11	57	27	5	26	29	29	55	11	0	28	59
284	12	53	28	12	28	18	2♉	1	12	8	29	55
285	13	48	29	19	0♓	8	4	4	13	15	0♋	50
286	14	44	0♏	26	1	58	6	5	14	21	1	45
287	15	40	1	34	3	50	8	2	15	26	2	40
288	16	36	2	43	5	43	9	55	16	32	3	34
289	17	31	3	54	7	39	11	47	17	36	4	28
290	18	27	5	4	9	36	13	37	18	39	5	21
291	19	23	6	19	11	34	15	24	19	41	6	14
292	20	20	7	26	13	34	17	9	20	43	7	6
293	21	16	8	39	15	36	18	51	21	44	7	59
294	22	12	9	51	17	38	20	31	22	44	8	52
295	23	9	11	4	19	39	22	8	23	43	9	45
296	24	6	12	17	21	41	23	44	24	42	10	38
297	25	3	13	32	23	45	25	18	25	39	11	30
298	25	59	14	47	25	50	26	49	26	36	12	22
299	26	56	16	4	27	54	8	19	27	32	13	14
300	27	53	17	21	0♈	0	29	47	28	29	14	6

A Table of Houses for the Latitude of 51 degrees, 32 minutes.

R.A.	10		11		12		Ascend.		2		3	
D	D.	M.	D	M.	D.	M.	D.	M.	D.	M.	D.	M.
301	28♈	51	18♉	37	2♊	6	12♊	13	29♊	25	14♋	58
302	29	49	19	55	4	11	2	35	0♋	20	15	50
303	0♉	46	21	4	6	16	3	57	1	15	16	41
304	1	44	22	34	8	19	5	17	2	8	17	32
305	2	42	23	54	10	21	6	35	3	1	18	24
306	3	40	25	16	12	23	7	52	3	55	19	15
307	4	39	26	36	14	25	9	6	4	48	20	6
308	5	37	27	59	16	26	10	20	5	40	20	56
309	6	35	27	21	18	26	11	32	6	32	21	47
310	7	34	0♊	44	20	24	12	44	7	24	22	38
311	8	33	2	9	22	21	13	54	8	15	23	29
312	9	32	3	32	24	17	15	2	9	6	24	19
313	10	32	4	57	26	11	16	9	9	56	25	10
314	11	31	6	21	28	1	17	15	10	46	26	0
315	12	31	7	48	29	52	18	20	11	35	26	50
316	13	31	9	14	1♋	42	19	24	12	25	27	40
317	14	31	10	41	3	31	20	28	13	14	28	30
318	15	31	12	8	5	18	21	31	14	2	29	20
319	16	32	13	35	7	2	22	33	14	51	0♌	10
320	17	33	15	4	8	44	23	32	15	40	1	0
321	18	33	16	3	10	26	24	32	16	28	1	51
322	19	34	18	2	12	6	25	31	17	16	2	41
323	20	35	19	31	13	43	26	27	18	4	3	31
324	21	37	21	1	15	19	27	24	18	50	4	21
325	22	38	22	30	16	54	28	20	19	38	5	11
326	23	39	23	59	18	27	29	15	20	24	6	1
327	24	41	25	29	19	57	0♋	10	21	11	6	51
328	25	43	26	59	21	27	1	4	21	57	7	41
329	26	46	28	30	22	55	1	57	22	44	8	31
330	27	48	0♈	0	24	22	2	55	23	31	9	21

A Table of Houses for the Latitude of 51 degrees, 32 minutes.

R.A.	10		11		12		Ascend.		2		3	
D.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.	D.	M.
331	28 ♒	51	1 ♈	30	25 ♉	48	3 ♋	48	24 ♋	17	10 ♌	11
332	29	54	3	1	27	11	4	40	25	3	11	0
333	0 ♓	56	4	31	28	33	5	32	25	49	11	50
334	1	59	6	2	29	53	6	23	26	34	12	40
335	3	2	7	31	1 ♊	14	7	14	27	20	13	29
336	4	6	9	0	2	29	8	4	28	5	14	19
337	5	9	10	29	3	46	8	54	28	52	15	9
338	6	13	11	58	5	1	9	43	29	37	15	59
339	7	17	13	27	6	15	10	32	0 ♌	22	16	49
340	8	21	14	56	7	27	11	22	1	7	17	39
341	9	25	16	25	8	39	12	9	1	51	18	29
342	10	29	17	52	9	50	12	58	2	36	19	19
343	11	33	19	19	11	0	13	47	3	21	20	9
344	12	38	20	46	12	8	14	34	4	6	20	59
345	13	43	22	12	13	15	15	22	4	51	21	49
346	14	47	23	39	14	21	16	9	5	35	22	39
347	15	52	25	4	15	26	16	54	6	20	23	30
348	16	57	26	28	16	32	17	41	7	4	24	20
349	18	2	27	51	17	36	18	27	7	49	25	11
350	19	7	29	16	18	39	19	12	8	33	26	1
351	20	12	0 ♉	41	19	41	19	58	9	17	26	51
352	21	17	2	2	20	43	20	44	10	2	27	41
353	22	22	3	25	21	44	21	28	10	45	28	31
354	23	27	4	45	22	44	22	14	11	30	29	22
355	24	33	6	6	23	43	22	58	12	14	0 ♍	13
356	25	38	7	26	24	42	23	43	12	58	1	4
357	26	44	8	45	25	39	24	27	13	42	1	54
358	27	49	10	4	26	36	25	12	14	26	2	44
359	28	55	11	22	27	33	25	57	15	10	3	35
360	0 ♈	0	12	39	28	29	26	41	15	54	4	25

CHAP. IX.

Of converting the Houres and Minutes of Time given into Degrees and Minutes of the Æquator.

THe hours of time given are easily converted into degrees and minutes of the Æquator, by giving to every houre 15 deg. and to each minute of an houre, 15′ of the Æquator or it may be performed with more facility by help of the former table, Chap. 8. of converting hours and min. of time, into degrees and minutes of the Æquator, for seeking in the left side, the hours and minutes given, you shal have towards the right hand the degrees and minutes answering thereunto.

In the Lunary Eclipse to happen the 7 of *September* 1652, the time given is 6h 25′ 9″, which by the fore-mentioned table is thus to be converted into degrees and minutes of the Æquator,

The operation.

		d	′	″
Houres	6	90		
M	25	6	15	
S	9		2	15
Sum Hour	6. 25. 9″	96	17	15

CHAP. X.

To finde the right Ascension of the Sun.

IN the second Part, Chapter of *Harmonicon Cœleste*, I have shewed how to find the right Ascension of the Sun for any time proposed; in the fourth Part of which Book, I have added tables of the Right ascension of any point given, not exceeding 5d of latitude, but for those that have not seen that Book, I have inserted the former table of the Right Ascension of the Sun, which if you enter with the signe of the suns place on the head, and with the degree in the first columne on the left hand, the common angle wil shew the suns Right ascension in degrees and minutes, onely you must remember to take the proportionall part by the *Sexagenary Table*, as is before taught. As at the time of the lunary Eclipse before spoken of, the suns place is *Virgo* 25d 15′ 52″, and therefore his Right ascension is 178d 39′ 25″.

CHAP

CHAP. XI.

To erect a Figure of the Heavens any houre of the Day or Night, exactly under the Latitude of 51d 32' North.

FIrst, find the true place of the Sun in the Ephemeris for the time given, with which enter the former table of the Right ascension of the sun as before is shewed, and you shall have his ascension, to which if you add the time afternoon, being reduced into degrees and minutes of the Æquator, the Aggregate if it exceed not 360d, is the Right ascension of the *Medium Cœli*; but if it be greater, substract from the same 360d, and the residue wil be the Right ascension desired, which being found in the first columne of the precedent Table of Houses, under the title R A. wil give you in the following Rows, under their respective titles, the signs, degrees and minutes, which are to be placed in the 10, 11, 12 Ascendent, two and three Houses. One example wil make all plain.

At the time of the Lunary Eclipse before-mentioned, which is to happen the seventh of *September* 1652, at 6h, 25' 9'', *P.M.* the Sun is found in the Ephemeris of that year, to be in *Virgo* 25d 15' 52'', and therefore his Right ascension is 175d 39' 25'', to which adding the time afternoon (being reduced into degrees and minutes of the Æquator) *viz.* 96d 17' 15'', the aggregate 271d, 56' 40'' is the Right Ascension of the *Medium Cœli*, which sought in the former Table of Houses, in the first columne on the left hand, under the title R A giveth the *Cuspides* of the six houses towards the Orient, in this manner.

H	S	D	′		H	S	D	′
10	♑	1	47	*The other six Occidentall Houses are found by the opposite Signes, as here appears.*	4	♋	1	47
11	♒	15	24		5	♋	15	24
12	♒	8	28		6	♌	8	28
Ascend	♈	4	44		*Descend*	♎	4	44
2	♉	27	6		8	♍	27	6
3	♊	18	29		9	♐	18	29

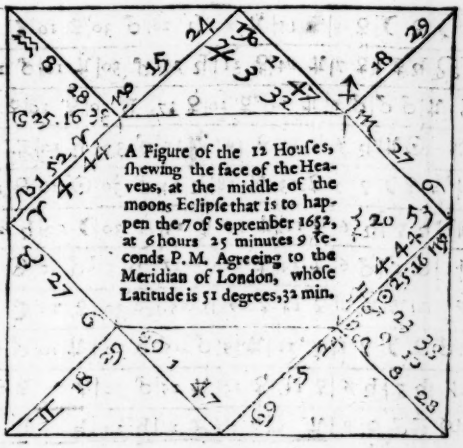
The signs and degrees thus found, are to be placed on the *Cuspis* of each house, beginning with the tenth on the *Cuspe*, whereof place 1d 47' *Capricorn*. on the *Cuspe* of the eleventh house of *Capricorn* 15d 24', and so the rest in their order, as in the following Figure they are inserted,

The

The 12 signes being placed in the Figure, we must next enquire for the true places of the seven Planets, with the Dragons Head and Taile for the middle of the foresaid Eclipse, which by the Ephemeris for the time given, are found, as followeth.

	s	d	′	″
☉	♍	25	15	52
☾	♐	25	15	52
♄	♌	9	10	
♃	♑	3	32	
♂	♌	23	38	
♀	♍	22	1	
☿	♎	20	53	
☊	♑	1	52	
☋	♋	1	52	

The places of the Planets being thus found, consider under what signe any of them falleth, which being observed, note which of the Houses contain the signe in which the Planet is, observing



A Figure of the 12 Houses, shewing the face of the Heavens, at the middle of the moons Eclipse that is to happen the 7 of September 1652, at 6 hours 25 minutes 9 seconds P. M. Agreeing to the Meridian of London, whose Latitude is 51 degrees, 32 min.

the number of degrees, and in due order, place the Planet in that house, and when a Planet contains a lesser number of degrees

then the Cuspis of the house, he is to be placed before the Cuspis, in the preceding house, but if greater, he is to be placed beyond the Cuspis, according to the sequel and consequence of the signes, as in the former Figure.

The signification of the 12 Cœlestial houses, are expressed in these two verses.

1	2	3	4	5	6
Vita,	*Lucrum,*	*Fratres,*	*Genitor,*	*Nati,*	*Valetudo,*
7	8	9	10	11	12
Vxor,	*Mors,*	*Sacra,*	*Religio,*	*Benefactaq;*	*Carcer.*

A Table of the Essentiall Dignities of the PLANETS.

Signes	House	Exalt.	Trip		The Terms of the Planets.						The Faces of the Planets.					
♈	♂	d	☉	☉	♃	♄ 6	♀ 14	☿ 21	♂ 26	♄ 30	♂ 10	☉ 20	♀ 30
♉	♀	n	☽	♀	☽	♀ 8	☿ 15	♃ 22	♄ 26	♂ 30	☿ 10	☾ 20	♄ 30
♊	☿	d	☊	♄	☿	☿ 7	♃ 14	♀ 21	♄ 25	♂ 30	♃ 10	♂ 20	☉ 30
♋	☾	N D	♃	♂	♂	♂ 6	♃ 13	☿ 20	♀ 27	♄ 30	♀ 10	☿ 20	☽ 30
♌	☉	N D		☉	♃	♄ 6	☿ 13	♀ 19	♃ 25	♂ 30	♄ 10	♃ 20	♂ 30
♍	☿	n	☿	♀	☽	☿ 7	♀ 13	♃ 18	♄ 24	♂ 30	☉ 10	♀ 20	☿ 30
♎	♀	d	♄	♄	☿	♄ 6	♀ 11	♃ 19	☿ 24	♂ 30	☽ 10	♄ 20	♃ 30
♏	♂	n		♂	♂	♂ 6	♃ 14	♀ 21	☿ 27	♄ 30	♂ 10	☉ 20	♀ 30
♐	♃	d	☋	☉	♃	♃ 8	♀ 14	☿ 19	♄ 25	♂ 30	☿ 10	☾ 20	♄ 30
♑	♄	n	♂	♀	☽	♀ 6	☿ 12	♃ 19	♂ 25	♄ 30	♃ 10	♂ 20	☉ 30
♒	♄	d		♄	☿	♄ 6	☿ 12	♀ 20	♃ 25	♂ 30	♀ 10	☿ 20	☽ 30
♓	♃	n	♀	♂	♂	♀ 8	♃ 14	☿ 20	♂ 26	♄ 30	♄ 10	♃ 20	♂ 30
	5	4	3			2					1		

CHAP.

CHAP. XII.

Of the 12 Signes of the Zodiaque, and of their division, nature, quality, &c.

THe whole Zodiaque is divided into 12 equall parts, or divisions as is set down chap. 1. each of which signes is divided into 30 degrees, each degree into 60 minutes, and each minute into 60 seconds, and so on till you come to tenths; But I shal not here speak further of their Astronomical division, but onely as they have relation to the four Elements, whereby their natures and properties may in some measure appeare.

♈ ♌ ♐ Are fiery, hot and drie, and are therefore called the Fiery *Triplicity*.

♉ ♍ ♑ Are cold, drie, and earthly, and are called the Earthly *Triplicity*.

♊ ♎ ♒ Are airy, hot and moist, which make the Airy *Triplicity*.

♋ ♏ ♓ Are cold, moist, and watry, and are named the Watry *Triplicity*.

The Signes are again divided into Moveable, Fixed, and Common; the Moveable are ♈, ♋, ♎, ♑, the Fixed ♉, ♌, ♏, ♒, the Common ♊, ♍, ♐, ♓. They are called moveable, because that when the sun enters those signes, the season and temperature of the weather soon changeth; fixed, because when the sun enters them, the temper of the aire is more fixed and stable. And lastly, they are called common, because they pertake both of the preceding and consequent signe.

But because the fixed stars are now removed out of one signe into another, it commeth to passe, that the natures and properties of the signes are much changed since the time of *Ptolomie* and the *Ancients*; I shal therefore in this place set down the nature and properties of the several parts of each constellation, according to the latest observations of the best Astronomers.

The *Asterisme*, or Constellation of ♈ beginneth at the 28d thereof, and extendeth to the 18d of ♉, in these our dayes, which is divided into 3 parts, or faces, reteining different qualities in themselves. The former part of this Constellation moves

winde and ſhowers, yet more gently then in the time of *Ptolomie* and the Ancients: The middle part is temperate, inclining to heat and drineſſe: But the latter part is more inclined to warmth, and this is meant in reſpect of the Ecliptique line, but the Zodiaque having latitude on either ſide. it is found by obſervation, that that part of this Aſteriſme, beyond the Ecliptique-line North-ward, is more hot and hurtfull, for the many ſtars there being of the nature of ♂ and ♀, but the Southern part is cold, cauſed by the ſtars there placed, of the nature of ♄.

The Conſtellation of ♉ begins at the 18d, and extends to the 25d of ♊, in the former part thereof are *Pleiades*, ſtars of a tempeſtious and hurtfull nature: the middle part is temperate and ſomwhat moiſt: The latter part (wherein is the ſtars called *Hyades*) is hot and ſultry, portending lightnings, corruſcations, and the like: The North part is temperate, but the South part of a different nature.

The conſtellation of ♊ inchoates at the 25d of ♊, and reacheth to the 24d of ♋ the former part is moiſt and humid, the middle temperate, the latter part unconſtant, but inclining to drineſſe: The North part ſtirreth up windes, but the South part drineſſe.

The Conſtellation of ♋, beginneth at the 24d and ſtretcheth to the 24d of ♌, the former part (where is *Preſepe* and the *Aſſilli*) is drie, but the middle and latter parts incline to great heat, and ſerenity; The North part is hot, dry, and fiery, the South part æſtuous and hurtful.

The Conſtellation of ♌ beginneth at the 13d and ends at the 6d ♍, the middle and latter parts are temperate: the north part is fiery, various, and unconſtant, the ſouth part moiſt.

The Conſtellation of ♍ begins at the 16d ♍, and extends to the 6 of ♎, the former part is hot and hurtful, the middle part tempeſtuous and watry, the latter part moiſt, the north part windy, and the ſouth part temperate.

The Conſtellation of ♎ doth commence at the 6d of ♎ and determines at the 27d thereof: the former part brings drineſſe, the middle part temperature, the 3d part ſhowers, the north part windes, the ſouth part peſtilent, drie, and mortiferous are.

The Conſtellation of ♏ inchoates at 27d ♎, and is prolonged

to

to the 26d of ♐; the beginning ingenders snow, the middle part is temperate, the last turbulent; the north part is hot; the south part moist.

The Constellation of ♐ is intercepted between the 26d ♐ and 28d ♑, the degrees of the former *Decade* are of nature cold and moist, the middle cold, the latter degrees are hot and fiery; the north part is windy, the south part moist and unconstant.

The Constellation of ♑ initiateth at 28d ♑, and extendeth to the 21d ♒, the beginning whereof is hot and noisome, the middle is temperate, the latter part rainy, and the south part moist and hurtful.

The Constellation of ♒ extendeth from the 21d ♒ to the 15d ♓; the former part of this *Asterisme* is moist, the middle temperate, the latter part windy, the north part hot and sultry, but the latter part produceth windes and snow.

The Constellation of ♓ taketh beginning at 15d ♓, and extends to the 28d of ♈, namely to the star called the *Rams horne*; the former part of this *Asterisme* is cold, the middle part moist, the latter part warme, the northern part windy, and the southern part moist and waterish.

And these are the natural qualities which these Constellations reteine in themselves, which are diligently to be observed in giving judgment of the constitution of the Aire, when as the Planets shal passe under them.

CHAP. XIII.

Of the Natural Signification of the Planets.

SATURNE (being *Superiorum altissimus*, or highest of the Planets) is a star of a pale, leaden, and swarthy colour, and is of nature cold and drie, making the Aire cold and cloudy when he bears dominion. When he is *Occidentall* he often bringeth drie weather, when *Orientall*, a cold and nipping time. Generally when he rules, he causeth thick clouds,

ice,

ice, tempests on the sea, and in other Rivers overflowings, in winter frost and snow. He changeth the seasons of the yeer oft from their natural qualities, by the coldnesse of his nature: He remitteth Summers heat, and increaseth Winters cold: He signifieth diseases, according to his nature, of a cold, drie and long continuance, defluxe of humors, the pestilence, and penurie of all things necessarie for the life of man, for of himself he is a Planet very prone and destructive to nature.

Jupiter (*a juvando dictus*) is temperately warm and somewhat moist, for when he is Occidental he maketh the aire warme and temperate, but when Oriental, he brings forth gentle rain. Generally he produceth serenity, and a pleasing temperature of aire, he moveth the northern windes, *salubrious* for Animalls, and meet for the preservation of herbs and plants. He moderateth the inward qualities, aswel of *Summers* heat, as of *Winters* cold, and bringeth sweet and wholsome showers. When he is wel disposed, he promiseth fertilty of all things, but when evil placed (being then as a straunger, cast out of his place, and afflicted of the evil Planets) his sweet and gentle qualities are thereby much remitted.

Mars (*Superiorum infimus*) is the next primarie Planet above the Orbe of the earth, and ever appears of a red and fiery colour, according to his nature, and at all times w[illegible]en he rules, he brings immoderate heat, and scorcheth the fruits of the earth. He moveth hot and pestiferous windes, and brings tempests, haile, and lightning; being with ☿ it portends turbulent winds, threatning Ship-wrack, dangerous sea-tempests and calamities upon the sea, but of his own nature he sheweth diminution of the waters, the drying up of Springs and Rivers, excessive heat and droughty weather. He intendeth *Summers* heat, and remitteth *Winters* cold, He destroyeth such living creatures as serve for the use of man, and brings scarcity of fruits, he ingenders hot and drie diseases, sharp *Tertian Feavers*, *Eruptions of blond*, *Inflamations*, *pestiferous sickness*, *sudden deaths*, and other maladies proceeding from his maleficus and distemperate nature.

The Sun is the general signifier of the change of seasons, for by his accesse to us, and departing from us (here I speak according

ding to appearance) doth he by his natural quality, vary the seasons of the year, and causeth *Spring*, *Summer*, *Harvest* and *Winter*, which always retain their natural qualities, unlesse restrained by his congresse, and meeting with the other Planets and stars, which often times cause the seasons to vary much from their natural temperature. He is temperately warm and drie, sometimes he brings Cloudes, by dissolving and attracting grosse vapours from the body of the earth, and being wel placed and accompanied with other significators of his nature, it promiseth serenity and fruitfulnesse of all things.

Venus, the next primarie Planet within the Earths Orbe is (in respect of her vicinity to the earth) a planet of a very fulgent Asspect, when she is Oriental she more inclines to moisture then at other times, and most to heat when she is Occidental. She produceth temperate windes and gentle showers of raine, promiseth health to living creatures, very great plenty of fruits, fruitfulnesse of plants and trees, and all things with felicity, for she is of the nature of ♀, free and bountiful.

Mercury (*dictus Stylbon*) the next primarie planet to the ☉, as he is of nature variable and doubtful, so he disposeth the arie according to the disposition of the planet joyned with him, yet he oft inclineth the season to drought, for his frequent aboad under the beams of the ☉, and vicinity to him, especially when he is Occidental, but when he is Oriental he bringeth heat. When he rules alone, he presageth turbulent high windes, and varible weather, somtimes raine, hail, lightning, tempests, especially when he is joyned, or beheld of the *Infortunes*. Being evil disposed, he portends dangerous Sea-voyages, many diseases, *Consumptions*, *Coughs*, diseases of the *Breast*, *Convulsions*, the *Falling sickness*, *Frenzies*, and the like, *sed cum bonis bonâ discernit*.

The Moon moistneth, when she is Occidential especially, and a little inclineth to heat; she varieth the quality of the aire, and changeth it every moneth, for her various habitude and application to the Sunne and other stars, neither is she altogether to be excluded from perticular signification of the time, especially mixing her influence with another significator. In a word, she alters the aire at all

times

times, according to the nature of that part of the *Asterisme*, wherein she is, and according to the nature of the Planet beholding, or joyned with her. From her conjunction with the sun to her first □, she naturally maketh the aire cold and moist; from first □ to ☍ she exciteth to heat and moisture; from ☍ to second □, unto dryneſſe; and from her second □ to ☌, she inclineth it to cold and dryneſſe.

CHAP. XIV.

Of the judgment of weather from the Cœleſtial Bodies.

FOr the knowledge of the weather, its requiſite exactly to obſerve the ingreſſe of the Sun into the firſt point of *Aries*, and the conjunction, or oppoſition of the *Luminaries* next preceding the ſame ingreſſe. Then to the time of the ingreſſe, erect the Scheme of heaven, and obſerve whether the place of the *Luminaries* at the time of their conjunction, or oppoſition aforementioned, happen in a moiſt, drie or cold manſion, and of what Planets they are aſpected, and likewiſe if the ruling Planets be conjoyned in ſuch a manſion with the Lord of the Signe of that conjunction, or oppoſition, and the Lord of the aſcendent, as alſo the general Lord of the whole figure, not neglecting the fixed ſtars of the firſt, ſecond, and third magnitudes, their riſing, ſetting, and culminating with Planets of the ſame nature, or having any conveniencie of Aſpect or radiation. And moreover you ought diligently to conſider the Lord of the Eclipſe, or ruling Planet of the great conjunction next going before, if any do immediately precede, which being truly noted, obſerve carefully to what Planet, or fixed ſtar, he ſhal be corporally conjoyn'd, or apply to, next after the conjnnction, or oppoſition of the ☉ & ☽, for according to the nature thereof wil the ſeaſon generally be inclined. If ♄ therefore ſhall be well diſpoſed in an Angle, and in a moiſt *Asterisme*, without impediment, neither applying to another Planet at the time of the ☉ ingreſſe, it preſages temperate and ſeaſonable ſhowers, and filleth the heaven with obſcure clouds, but eſpecially in that Lunation, wherein he hath the chief dominion: But if on the contrary, he ſhal be impedite, or evil diſpoſed, it portends

tends turbulent ſtormes of winde and rain, and cold, denſe, and thick clouds, eſpecially if ♀ or ☿ ſhall be in moiſt ſignes, and behold him from an Angle, for in ſuch a caſe may the *Aſtrologer* certainly predict of much raine. *Jupiter* in ſuch a poſition, produceth windes and raine, with reddiſh clouds, *Mars* ſignifies yellow clouds, thunder, corruſcations and rain, eſpecially in thoſe times and places proper and convenient, and the rather if ♃ and ♀ give any teſtimonie thereof. The Sun their, and in that manner placed, ſheweth red clouds, and great ſtore of wet: yet there are ſome of the beſt Aſtrologers, who will not elect the ☉ and ☾ for Rulers, becauſe they are generall Significators of the times. The ☾ applying to ♀, and aſſuming the above written prerogatives, bringeth gentle raine, or at leaſt wiſe clouds; but if the ☾ ſhal apply to ♀, or elſe ♀ ſhal be Lord and ruler of the Figure, with ♃, it portends ſhowers and violent windes, and a cloudy aire, yet ſomtime more violent, and ſomtime again more remiſſe, in reſpect of the *Signes*, *Aſteriſme*, *Manſions* of the ☾, and the Conjunctions of the other ſtars, either fixed or erratical: and here note, that if the Planet ruling ſhal be Oriential, his effects will appear in the end of time, if Occidental, in the beginning, whether it be in a *Revolution*, *Solar-ingreſſe*, or a *Lunation*. And this is always to be obſerved, that if the aſcendent in the figure of an *Annual-Revolution*, or ingreeſſe of the *Earth* into ♎, ſhal be a fixed ſigne, there is but one figure to be erected for that *Revolution*, if a moveable Signe ♈, namely, one for each Quarter of the yeer; but if a common Signe figures wil ſerve that *Revolution*, *viz.* one for his enterance into ♈, the other for his initiation into ♎. Of this matter ſee *Haly lib.* 8. *cap.* 3. *De judiciis Aſtrorum*, *Guido Bonatus part.* 4. *cap.* 24. or *Lupoldus in Libro de Revolutionibus.*

CHAP. XV.

How to prognoſticate more particularly of the Weather.

HAving ſhewed the natures of the Signes, Planets, and Conſtellations, and in the laſt Chapter treated briefly of the general ſtate and diſpoſition of the ſeaſons, it reſteth then more perticularly to treat of the conjunctions, and

Aſpects of the Planets and therefore I ſhal firſt begin with the Conjunction of *Saturne* and *Jupiter*, which ought accurately to be obſerved, for it produceth its effects in the mutation of the aire many days before and after, in regard of the tardity and ſlowneſſe of their motions. This conjunction hapning in hot and drie manſions, or with fixed ſtars of that nature, it generally produceth drineſſe, increaſeth heat in Summer, and mitigateth the cold in Winter, but in moiſt ſignes and manſions it portends raine and inundations. Yet this is diligently to be noted, that the effects produced by this conjunction wil be of the nature of the ruling Planet, for if ♄ ſhal claime principal dominion in the place of the conjunction, and be elevated above ♃ in reſpect of Latitude, it ſignifies many diſeaſes, and much evil in general. But on the contrary, if ♃ prevaile, it is a ſigne that much good ſhal follow after few yeares, and that unneceſſarie cuſtomes ſhall be aboliſhed, and many wholſome Laws be eſtabliſhed, ere the effects of that Conjunction ſhal determine. So likewiſe theſe two ponderous Planets being in ☍, □, △, or ✶ is a ſigne of continuance of ſeaſons, but for the moſt part they bring forth impetuous ſtorms of rain and haile. Particularly, hapning in the Spring time in moiſt ♓ſteriſmes, it produceth turbulent aire, in Summer, haile and thunder, in Autumn, windes and wet, in Winter, obſcure and thick clouds and darke aire.

♄ and ♂ in ☌, □, or ☍, and ♃ give his teſtimony, uſually preſageth windes and rain, haile, thunder, lightnings and corruſcations, according to the ſeaſons of the year, for in the Spring it portends winde, rain and thunder; in Summer haile and thunder; in Autumn violent rain, and in Winter diminution of cold; but above all obſerve the ruling planet, & according to his nature judg.

♄ and ☉ in ☌, □, or ☍, is *Apertio Portarum*, eſpecially if it happen in a moiſt Conſtellation. Particularly in the Spring time it threatneth cold clouds, in Summer hail, thun der and remiſſion of heat, in Autumn rain and cold, in Winter froſt and ſnow, and cloudy weather.

♄ and ♀ in ☌, □, or ☍, generally produceth cold rain and ſhowers. In Spring it bringeth forth rain and cold, in Summer ſudden and haſty ſhowers, in Autumn cold rain, as in Spring or Winter ſnow, or cold rain.

♄ and

♄ and ☿ in ☌, □, or ☍ in drie signes & mansions brings forth drinesse, in moist signes raine, in the airy windes, in the earthly cold and drinesse; particularly in the Spring it produceth winde and rain, in Summer winde and showers, in Autumn winde and clouds, and in Winter winde and snow.

♄ and ☾ in ☌, □, or ☍ affects the aire according to that part of the *Asterisme* wherein they are conjoyned or aspected. In the moist signes it portends clouds and coldnesse, in the airy, and in ♐ and ♑ it increaseth cold, especially when the ☽ is full of light, and when she is void of course it brings forth drinesse, but in drie signes it begetteth sharp aire, and a frosty season if it be in Winter; generally the ☾ and ♄ stir up thick clouds, and gentle showers. In the Spring it is a signe of a turbid and moist aire, in Summer moisture, with remission of heat, and sometime haile, if there be any aspect of ☌, or ☿; in Autumn it presages a cloudy aire, in Winter clouds and snow, with vehement cold.

♃ and ☍ in ☌, □, or ☍ changeth the quality of the aire, according to the nature of the signes and stars, to which they are conjoyned; or otherwise aspected. In hot and drie mansions it causeth great heat, in the moist signes thunder and rain; but perticularly in the Spring time it produceth windes and turbulent aire; in Summer heat, thunder and lightning; in Autumn tempestuous and windy aire; and in Winter remission of cold, and temperature of aire. But in this Conjunction we must observe the ruling Planet, for if ♃ shal govern, and be elevated above ☍, it signifies much good and felicity, plenty of fruit, and such things as serve for the sustenance of mankinde, according to his benevolent nature; but ☍ ruling produceth many diseases, drinesse, housburnings and the like. Also ♃ and ☍ with tempestuous stars, as *Arcturus*, the *Eagle*, taile of the *Dolphin*, light star of the *Crown*, *&c.* stirreth up winde and haile, and in Summer also thunder; in Winter inclineth the aire to warmth, especially if ♃ shal be then stationarie.

♃ and ☉ in ☌, □, or ☍ bringeth forth blasts of wholsome winds, and serenity, perticularly in Spring and Autumn they signifie windes, in Summer thunder, and in Winter remission of cold.

♃ and ☿ in ☌, □, or ☍ doth generally produce serenity and temperature of aire; in the moist signs it promiseth gentle showers, in other signes, fair weather, wholsome windes, and fertility of all things.

♃ and ☿ in ♂, □, or ☍, ſtirreth up the windes, and ſometime there is *Apertio Portarum* to windes and rain: In the fiery ſignes it begetteth drineſſe and warm windes, in the airy ſighes fair weather, but windes in all the parts of the yeer. Perticularly in the *Spring* and *Autumn* it portends haile, and in *Winter* ſnow.

♃ and ☾ in ♂, □, or ☍, produceth windes, ſerenity and temperature of the aire, yet it altereth the weather according to the quality of the ſigne and *Aſteriſme*, which they poſſeſſe, but at all times it generally ſignifies a temperate ſeaſon.

♀ and ☉ in ♂, □, or ☍, in the fiery ſignes, portend heat and drineſſe, in the watry haile, thunder and lightning; in the airy clouds, and in the earthly violent windes. In the *Spring* and *Autumn*, it exciteth dry windes, in *Summer* great heat, lightning, and thunder, and in *Winter* remiſſion of cold.

☍ and ♀ in ♂, □, or ☍, is *Apertio Portarum* to much raine if it happen in moiſt ſignes, eſpecially in *Spring* and *Autumne*; in *Summer* it ingendereth ſhowers; in *Winter* remiſſion of cold, yet oftentimes ſnow when ♄ beholds them.

☍ and ☿ in ♂, □, or ☍, in *Winter* and *Spring* fortells ſnow, in *Summer* thunder and haile, in *Autumne* haile and great windes, and in fiery & dry ſignes, it preſageth warmth & exceſſive drineſs.

☍ and ☾ in ♂, □, or ☍ in moiſt ſignes, demonſtrates raine, in the fiery drineſſe, red clouds, and ſometimes rain, in *Summer* lightning, haile, and corruſcations.

☍ entering new ſignes, very often changeth the aire, ſo ☍ paſſing by *Sucula*, or *Hyades*, cauſeth clouds and moiſture. ☍ in *Cancer* with north latitude, in *Autumn* and *Winter*, bringeth warme weathe with winde and raine, and ſharp diſeaſes if ☍ ſhal aſpect ♄, ♀, or ☿.

☍ paſſing by the *Pleiades* maketh a cloudy ſeaſon, and being accompanied with ſtars of a tempeſteous nature as *Arcturus*, the *Eagle, bright* ✱ of the *Crown, Bulls eye, Taile* of the *Dolphin, Procyon, Fidicula, Scorpions-heart, Virgins-Spick*, &c. riſing or ſetting with them, ſignifies a turbulent, windy, and oftentimes a ſultry and unwholſome aire.

☉ and ♀ in ♂ commonly produceth moiſture; in *Spring* and *Autumn* raine, in *Summer* ſhowers and thunder, in *Winter* rain.

☉ and

☉ and ☿ in ♈, in the airy ſignes produceth windes, in the watry ſignes rain, in the fiery drineſſe and warm windes hurtful to mankinde.

☉ and ☾ in ☌, □, or ☍, in moiſt ſignes portendeth rain, in fiery ſignes faire weather, but generally it alters the aire according to the nature of the ruling Planet and nature of the ſeaſon.

The ☌ ♋ and ✶ of ♀ and ☿ infers ſtore of windes and wet, and in *Winter* ſnow, if ſo be they be almoſt equal in motion, ♀ in the firſt decade of ♋ preſageth rain. Alſo her being with *Pleiades*, *Hyades*, and the *Aſſelli*, maketh a moiſt ſeaſon.

In the Revolution of the yeer, if ☿ ſhal be in his own ſigne, it portends much rain; if he be in the houſe of ♄, it ſhews but little, in others but a mediocrity.

In the conjunction, or oppoſition preceding the Revolution of the year, if ☿ ſhal behold the ſame place, it ſignifies lightning and thunder, and ſometimes a Comet hath ſucceeded ſuch a poſition.

In the Revolution of the year when ♀, ☿, and the ☾ are found in moiſt manſions, it portends much rain.

At the ingreſſe of the ☉ into Tropique ſignes, if ♀ ſhal aſpect the ☾ from a moiſt place, it is a ſigne of much rain; or if ☿ from ♏ ſhal aſpect ♀ it portends likewiſe rain.

When the ☉ is in ♈ or ♉, if ♀ be then Retrograde, the *Spring* wil be moiſt.

The ☉ in the termes of ☿, increaſeth the heat in *Summer*, and drineſſe in the *Spring* and *Winter*.

In the conjunction, or oppoſition preceding the enterance of the ☉ into ♈, and alſo in the ingreſſe it ſelf, if the ☽ ſhal behold ♄, and both be in moiſt ſignes, it is the preſage of thick clouds, ſoft and gentle ſhowers continuing long, but if ♀ or ☿ ſhal behold ♄, then the rain will be more vehement and continuing.

If in the *Autumnal quarter* more retrograde planets ſhal be with the ☉ then in the other ſeaſons, which in the *Winter* following wil become direct it is a ſigne of great drineſſe.

When the ☉ ſhal enter the 18. of ♏ if ♀ be in a moiſt place, it is a ſigne of rain; and obſerve alſo the planet that is then *Almuten* of the figure erected for that moment, and pronounce judgment according to his nature and poſition, no otherwiſe then you are taught in the 13 Chap.

Borrhopiliotes, the north-east winde is for the most part cold and drie, ingendering clouds and sometimes snow.

Netopeliotes, the south-east winde, commonly call'd *Siroccus*, is weak, moist, a producer of clouds and obscure aire.

Notolybicus, the south-west winde, also named *Libeccius*, and *Garbinus*, is of a hurtful quality, sickly, moist, producing clouds and raine.

Borroholibicus, the north-west winde, is moist, tonitruous, tempestuous, violent, hasty, causing a turbulent aire.

The lateral are of number 8, and are called *Cæcias*, *Aquilo*, *Circius*, *Aphricus*, *Libanotus*, *Phœnix*, *Corus*, and *Eurus*, viz. East north-east, north north-east, north north-west, west south-west, south south-west, south south-east, West North-west, East South-east.

The collaterall Winds are *Mesocacius*, *Upocacius*, *Upaquilo*, *Mesaquilo*, *Mesocircius*, *Upocircius*, *Mesocorus*, *Upocorus*, *Mesaphrycus*, *Upaphricus*, *Upolibanotus*, *Mesolibanotus Mesophenix*, *Upophenix*, *Meseurus*, *Upoeurus. viz.* East by north, north-east by East, North by east, North-east by North, North by West, North-west by North, West by North, North-west by West, South-west by West, West by South, South-west by South, South by West, South by East, Southeast by South, Southeast by East, East by South.

The sixth Eastern Windes, *Eurus*, *Meseurius*, *Upoeurus*, *Mesocecius*, *Cæcius*, and *Upocacius*; are all dry of nature, and wholsome, bringing serenity; in Summer increasing heat, but in Winter making cold the aire.

Eurus is collaterall, and like to *Subsolanus* in quality, yet in respect of his bending southward, is somwhat of a moist quality, and in fine troubles the aire, and causeth thunder and sudden mutations.

Epeurus, and *Mesocacius* adjoyn to *Subsolanus*, whose quality they retain.

Meseurus and *Siroccus*, are of the nature of the South winde, and more moist then *Eurus*.

Cæcias blowing from the East Northeast, is more cold then *Subsolanus*, in respect of his mixing with the Northerne Windes, and somtimes is very wet.

Upo-

Upocæcius which is more northern, is colder then *Cæcius*.

The principal of the weſtern windes is *Favonius*, which blows from the weſt, who on each ſide hath three other windes. On the South ſide is *Upaphricus*, *Aphricus*, *Meſaphricus*; Towards the North, *Meſocorus*, *Corus*, *Upocorus*; all which are temperate in heat, but moiſt and wholſome, bringing gentle rain, and ſomtime ſerenity, eſpecially in Winter.

Upaphricus, and *Meſocorus* are of the nature of *Favonius*.

Aphricus blows from the South-South-Weſt, and is cold, moiſt, rainy, and tempeſtuous.

Meſaphricus reteins the nature of the ſouth winde, being in quality moſt like to *Notolybicus*, but leſſe moiſt and ſickly then the other Southern windes.

Corus, the Weſt-North-Weſt winde, is cold and wet, in the beginning ſtormy, bringing ſnow and haile: And uſually when this winde bloweth on a fair day, clouds appear in the Eaſt.

Upocorus reteins the nature of *Borrholybicus*, moiſt and tempeſtuous, and brings thunder in Summer time.

The Southern windes are warme and moiſt, and if they breath long, they trouble the aire, and beget tempeſts on the ſea.

Notus the South winde, towards the eaſt hath *Meſophœnix*, *Phœnix*, and *Upophœnix*: Towards the Weſt it hath *Meſolybanotus*, *Lybanotus*, and *Upolybanotus*.

Meſophœnix and *Meſolybanotus*, are of the quality of the ſouth-winde.

Phœnix is warme and moiſt, and the begetter of diſeaſes.

Upophœnix is more wholſome and drie, partaking of the Eaſtern winde.

Lybanotus is warme, but moiſt and rainy, cauſing ſickneſſe.

Upolybanotus, is temperate at all times.

The north windes are all cold.

The North winde towards the riſing of the ☉ in Summer, hath *Aquilo*, towards his ſetting in Summer it hath *Circius*, *Meſocircius*, and *Upocircius*. *Upaquilo* and *Meſocircius*, retein the nature of their Cardinal winde: *Aquilo* hath partly the ſame quality, but is more wholſome, purgeth the aire, and produceth ſnow, and ſometime haile.

Meſaquila is not ſo cold as the reſt are.

Circius begets cold, whirl-windes, ſhowers, haile and impetuous blaſts.

Upocircius is more moiſt then *Circius*.

Having briefly ſhewed the nature of the Windes, I ſhal next ſhew how to prognoſticate what winde wil blow.

In the figure of the ☉ ingreſſe into any of the cardinal ſignes, or ☌ or ☍ of the *Luminaries* preceding, or monethly *Lunation*; obſerve carefully vvhat Planet is predominant in the Figure, and their poſitions one to another mutually, as before is ſaid, vvhich knovvn, you may by the followving inſtructions give an neer conjecture of the vvinde: for,

♄ is the mover of the Eaſtern vvindes, ♃ of the northern, ♂ of the Weſt and Southern, ♀ of the Southern, ☿ according as he ſhal be joyned with others, ☉ and ☾ of the Weſtern windes. The quality of the windes, and their bearing is alſo ſhewed from their poſition in the Figure, for the Planets with Latitude and ſouth Declination, from the mid-heaven, move the ſouthern windes to blow. From the *imum Cœli*, with latitude and northern declination, the northern windes; the Oriental planets (*reſpectu ſolis & mundi*) move the Eaſtern vvindes, but the Occidental the weſtern vvindes, and when they are weak, they cauſe the intermediate windes to blow.

Alſo the ſcituation and quality of the windes is gathered from the latitude of the ☾, as ſhe inclines to the north or ſouth; ſo the ſignes do alſo demonſterate the windes, for ♈, ♋, and ♎ excite the north weſt windes; ♉, ♍, and ♑, the ſouth-eaſt; ♊, ♎, and ♒, the north-eaſt; ♋, ♏, and ♓, the ſouth-weſt. Likewiſe from the application of ☿ to the other planets, may we in ſome meaſure, prognoſticate of the quality of the windes, for if ☿ apply to ♄, it produceth great windes, clouds and rain; if to ♃ ſweet windes; if to ♂ warme windes; if to the ☉ warme and hurtful windes; if to ♀ windes.

Alſo the riſing, culminating and ſetting of the fixed ſtars with the ☉ and other planets, do alter both the windes and weather, as we ſhal here ſhew.

Regulus, the *Lyons heart* ſetting with the ☉ exciteth *Favonius* to blow many days together.

The

The rising of *Pleiades* with ☉ moveth *Subsolanus*.

The setting of *Arcturus* stirreth up the southern windes.

The setting of *Pleiades* with ☉ excites *Aquilo*.

The rising of the *Dolphin* with ☉ produceth also windes.

The rising, or setting of *Arcturus*, the *head* of the former *Twin*, the southern *belly* of ♓, the ✱ of the *Triangle*, with ☉, ♄, ♃, ♂, ☿, begetteth windes.

The setting of *Hyades*, troubleth both sea and land, especially when ♂ and ☿ give testimonie.

If at the time of the matutine setting of the *Dolphin*, there be showers, there wil be none at the rising of *Arcturus*.

The rising of the *Hædi* produce rain.

The matutine rising of the greater *Dog* begetteth heat, troubleth the seas, and changeth all things: *ex Plinio*.

Observations from Ptolomie, by the fixed ✱ accompaning with ☉.

Orions Girdle rising with the ☉ maketh a turbide aire.

The setting of the *Crown* presageth tempests.

Syrius and *Aquilo* rising in the evening maketh tempests.

The setting of *Regulus* causeth the north winde, and somtime also rain.

The setting of the *Dolphin* produceth winde and snow.

The setting of *Vindemiator* moveth the north north-east winde.

The rising of the *Rams-Horne* brings forth rain and snows.

The vespertine rising of *Arcturus* portends tempests.

The rising of the *Pleiades* maketh the west winde to blow.

The vespertine setting of *Syrius* produceth the South, and N. N. East windes.

The matutine setting of the *Hyades*, presageth rain, and the South winde.

The vespertine setting of the *Pleiades* moves the South winde, terminating in the West.

The rising of the *Suculæ* brings rain.

The rising of *Orion* maketh the West winde to blow.

The matutine setting of *Arcturus* promiseth good weather.

The matutine setting of the *Eagle* causeth great heat, and the South winde.

The matutine rising of *Regulus* moveth *Aquilo*.

The matutine ſetting of *Arcturus* preſageth ſhowers.

The matutine ſetting of the *Succulæ* begetteth rain.

The ☉ riſing with the *Aſelli*, troubles the aire with thunder, lightning, ſhowers, and the like.

The ☉ riſing with the *Eagle* produceth ſnow, as alſo with the *taile* of the *Goat*, and *head* of *Meduſa*.

His riſing with *Aldebaran* and the ſtars of *Orion*, moveth winde, rain, thunder and lightning.

When he riſeth with the cloudy ſtars in ♌, with *Orion*, with the *taile* of ♌, the *light* * of *Hydra*, the *Crown*, or the ſtars in the *forehead* of the *Scorpion*, it portends a cloudy ſeaſon.

The Sun ſetting with the *Harp* preſageth a cold and moiſt time.

With the *Pleiades* it begets winde and rain.

With *Regulus* ſhowers, thunder and lightning.

With the *Greater Dog*, a fair and warme time, with thunder and lightning.

With *Orion* and *Aldebaran*, a turbid, windy and vvet aire.

With *Acarnar* and the ſtars of ♃ a ſerene & temperate ſeaſon.

With the ſtars of the nature of ♄, he produceth cold rain, or ſnovv.

With the ſtars of ♀ rain and moiſture.

With the ſtars of ♂ thunder and lightning.

Saturne vvith the *head* of *Meduſa*, begetteth cold and moiſture.

With the *Pleiades* he troubleth the aire, and engenders clouds, rain and ſnovv.

With the ſtars of *Orion* he produceth vvind and ſhovvers.

With *Arcturus* vvinde and rain.

With the *Virgins-Spick* ſhovvers and thunder.

With the *Dolphin*, *bright* * of the *Crown*, *Goats-taile*, or the *Harp*, cauſeth a moiſt and cloudy time; ſometime ſnovv and rain.

With *Preſepe*, and the *Hyades*, it begetteth vvindes, clouds, rain, and thunder.

With the *Lyons heart*, it produceth thunder and rain, and inſtability.

With the greater *Dog* it ſignifies vvindes, rain, thunder and lightning.

Jupiter riſing vvith *Regulus* brings fair vveather in Winter, and mitigateth the cold, and increaſeth the heat in Summer.

With the *neck* of the *Lyon* it raiſeth the vvindes, and vvith *Acarnar* it promiſeth ſerenity.

Mars riſing vvith the *Goats tail* foretelleth a moiſt time.

With the ſtars in the *Scorpions forehead* it denotes cold, rain or ſnovv.

With *Arcturus* vehement vvindes, rain, thunder and lightning.

With the *Eagle* rain, ſnovv, and great coldneſſe.

With the ſtars of *Orion*, *Hyades*, *Regulus*, and the *Dogs*, it ſignifies great heat.

Mercury vvith the *Pleiades* begetteth vvindes and rain.

With the *Eagle* ſnovv, or rain.

With the ſtars of *Orion*, *Hyades*, *Regulus*, or the *Dogs*, it produceth vvindes, ſhovvers, thunder and lightning.

With the *Goats tail*, cold vvindes, ſnovvs, ſhovvers.

With the *back* and *neck* of the *Lyon*, moiſtneſſe vvith vvindes.

With the *Lyons taile*, *Spica* ♍, the *Harp*, &c. it portends a ſudden change to vvindes and vvet.

CHAP. XVII.

To prognoſticate the natural portents of Eclipſes.

HAving exactly erected the Cœleſtial Scheme to the time of the middle of the Eclipſes noted in the *Ephemeris*, according as is taught Chap. 11. We muſt then obſerve vvhat planet is Lord thereof, vvhich that vve may do, *Ptolomie* directeth us to take the place of the *Luminarie* Eclipſed, and the Angle ſucceeding it, vvhich is alvvays either the 10 or firſt houſe, namely, the firſt houſe if the Eclipſe happen before the meridian, in the Oriental part of the heaven, but the 10 if it happen after: Nevertheleſſe, the lateſt and beſt *Aſtrologians* vvill us to take that planet to be Lord of the Eclipſe, that is moſt dignified in the Aſcendant, the *Medium Cœli*, and the place Eclipſed, as in the Eclipſe of the Moon to be the 7 of *September* 1652 in the evening, ♂ hath the moſt eſſential dignities of any planet in the figure, and yet notwithſtanding the Planet ♃ is partaker vvith him, having more prerogatives then any planet but ☉.

Novv for as much as experience in all ages vvitneſſeth that Eclipſes, eſpecially of the ☉, hath at all times been attended vvith

some notable events and sequels, as not onely Histories, but our present times do plentifully testifie (which no rational man living can deny, no not the greatest adversaries to *Astrologie*, though wandering up and down amongst the shadows of their own fond conceits;) I shal here collect certain select *Aphorismes* of approved Authors, as are long since grounded upon sufficient experience.

If ♄ shal be Lord of an Eclipse, he portends much evil, corruption proceeding from cold, tedious diseases, consumptions, feavers, the dropsie, fears, exiles, and the like, and in the aire he ingenders thick pitchy clouds, snow, Shipwracks, scarcity of fruit, penurie, damage by *Locusts*, hail, and violent stormes.

♃ causeth things to increase, giveth good things, and is the general signifier of peace and tranquility, when he alone bears principal rule in the Eclipse.

♂ is the very worst of all the planets, he presageth wars, tumults, dissentions, violence, injurie, also great heat, tempests, lightning and drinesse. He bringeth upon men imprisonments, captivities, and threatens depopulations and slaughters of men, besides many sore and grievous diseases, & much evil in general.

♀ signifieth much good to ensue, and promiseth a delicate and temperate season.

☿ having rule, doth insinuate himself into the nature of that star with which he is joyned. Of his own nature he portends drie diseases, *Coughs*, *Consumptions*, *Quotidian-Feavers*, and signifies robberies and Piratical-invasions. *Praest ☿ Sacerdotiis cultui Divino, redditibus Regiis, mutationibusq; legum.* He moveth turbulent windes, brings drinesse, thunder, lightning, and hurteth the fruits of the earth: *à beneficiis tamen adjutus ☿ omnia moderatur.*

In prognosticating of the effects of Eclipses, the *Asterisme* in which the Eclipse happens, is also to be warily observed, for if it shal represent the form of men, the influence will fal chiefly upon men, if of four-footed beasts, upon four-footed beasts, if of Serpents upon Serpents, &c.

The learned *Alstedius* in the 17 Book, and 13 Chap. of his *Encyclopaedia* affirmeth, that if there happen an eclipse, especially of the Sun, and the principal ruler thereof be ♂, cheifly being in a fiery, or aiery signe, ♂ also being strong and having the government of the yeer, it threatneth house-burnings. More-

Moreover, if ♄ be Lord of the place eclipſed, and be ſtrong in watry or earthly ſignes, ♂ being alſo joyned to ſtars of *Saturns* nature, or elſe joyned to ♄ by body, quadrate, or oppoſite Aſpect, it portends an earth-quake, and inundations, eſpecially if ♄ ſhal be in watry or Earthly ſignes.

Hermes, a moſt ancient Aſtrologer, in the 53 *prop.* of his *Centiloquium* averreth, that many troubles ſhal ariſe, if in one moneth there ſhal happen Eclipſes of both *Luminaries*, eſpecially in thoſe places that are ſubject to the eclipſed ſignes, and hereunto aſſents *Meſſahala* in his Book, *De Rebus Eclipſium*. See our *Vrania Practica pag.* 149 and following, where you ſhal be more fully ſatisfied.

CHAP. XVIII.

To finde how long the Effects of any Eclipſe continue, and when they begin and end.

Quot horas durat Eclipſis Solaris, tot annorum duraturos effectus pronunciat: quot horas durat Lunaris, tot menſium. How many hours the ☉ is eclipſed, ſo many years will the effects continue, but if it be a Lunar eclipſe, ſo many moneths.

To finde the time when the effects of an eclipſe begin, we are to obſerve at the middle of the defect, how far the Luminarie Eclipſed is diſtant from the riſing, and how long he continueth above the Horizon, which had, reduce them into minutes, and then ſay by the Golden Rule: if the time of the whole continuance of the Luminarie Eclipſed above the Horizon, give 365 days, or one whole yeer, what ſhal the time from the riſing give? Multiply and Divide, and the quotient will yield your deſire. As for example. In the partile eclipſe of the ☾ that is to happen the 7 of *September* 1652. the ☾ nocturnal Arch is 11 houres 42 minutes; which being reduced into minutes, maketh 702; and her diſtance from her riſing is 16′, now I multiply 365 by 16, and the Product 5840 I divide by 702, and the *Quotus* is $8\frac{112}{351}$, and ſo many days will it be ere the effects of this eclipſe begin to opperate, which will be about the 15 day of the ſame moneth. Now becauſe the eclipſe continues 3 hours, as appears by the calculation in the *Ephemeris* of that yeer, therefore the effects will be in force

force 3 whole moneths, or 90 days, according to the former Rule, ſo that they will not determine till the 14 day of *December* next following.

Moreover *Ptolomie* ſaith, that how many hours the ☉ is diſtant from the Horeſcope at the time of his eclipſe, ſo many yeers will it be ere the effects begin to operate, and therefore if the eclipſe be in, or neer the Weſt angle, it may be 12 whole yeers before the effects take place. But I ſhould rather aſſent to *Origanus*, who ſaith, they inchoate at the very day of the eclipſe, for, ſaith he, *Conſentaneum namque eſt Eclipſes ſtatim operari, & effectus ſuos aliquouſque extendere.*

CHAP. XIX.

The names of the Regions, Cities, and Townes, ſubject to the Signes and Planets.

Eclipſes maximè agunt in illas regiones, quæ ſunt ſub ſigno Ecliptico, vel illi ſunt familiares; tum in homines, quorum nativitatis conſentiunt cum Themate Eclipſios; & denique in illa loca quibus Eclipſes verticales ſunt, vel præcipui ſignificatores per verticem tempore Eclipſis præcedunt.

Under *Aries* and *Mars* are theſe Regions.

♈ ♂ *England*, *France*, *Germanie*, *Swevia*, *Sileſia* the higher, *Polonia* the leſſe, *Denmarke*, *Syria*, *Paleſtina*: And of Cities & Towns, *Naples*, *Anconia*, *Capua*, *Ferraria*, *Florence*, *Verona*, *Lindavia*, *Trajectum*, *Padua*, *Brunſwick*, *Cracovia*.

Under *Taurus* and *Venus*.

♉ ♀ *Ruſſia*, *Polonia* the great, *Ireland*, *Lorrain*, *Campania*, *Helvetia*, *Rhetia*, *Franconia*, *Parthia*, *Perſia*, the Iſlands of *Cyclades*, *Cyprus*, and the ſea-towns of *Aſia* the leſſe: Of Cities and Towns, *Bononia*, *Sena*, *Mantua*, *Tarrentum*, *Sicila*, *Parma*, *Brixia*, *Tigure*, *Lacerne*, *Nantz*, *Lipſig*, *Poſnania*, *Gneſnam*.

Under *Gemini* and *Mercury*.

♊ ☿ *Sardinia*, part of *Lombardie*, *Flanders*, *Brabant*, the Dukedome of *Wertemburge*, *Hircania*, *Armenia*, *Serenaica*, and *Egypt* the lower; Of Cities and Towns, *London*, *Corduba*, *Turinum*, *Vercellas*, *Lovaine*, *Bruges* in *Flanders*, *Moguntia*, *Bamberge*, *Norimberge*.

Under

Under Cancer and the Moon.

♋ ☽, *Scotland, Granado, Burgundia,* the lower *Holland, Zeland, Russia, Numidia, Africa, Bithynia,* Phrygia, *Colchis, Carthage,* Of Cities & Towns. *Constantinople, Tunis, Venis, Genoa, Luce,* Pisa, *Millaine, Vincentia, Berne, Yorke,* S. *Andrews, Lubeck, Magdeberg, Wittenberge, Gorlick.*

Under Leo and the Sun.

♌ ☉. *Gallia, Togata,* the *Alpes, Italy, Sicily, Apulia, Bohemia,* a part of *Turkie,* Phœnicia, *Caldæa,* and of Cities and Towns. *Damascus,* Syracusa, *Rome, Ravenna, Crémona, Ulms, Confluence,* Prague, *Lintz, Cremisum.*

Under Virgo and Mercury.

♍ ☿. *Achaia, Greece, Creet, Corinthia, Artheſia, Rhodes,* a part of *Gallia, Comata,* a part of *Rhine,* Syleſia the lower, *Meſopotamia, Babylon, Aſſyria;* Of Cities and Towns; *Hieruſalem, Corinth, Novaria, Cuma, Brunduſium,* Papis; *Tholoſe, Lyons,* Paris, *Baſil, Hudelberge, Erphord, Urutiſlavia.*

Under Libra and Venus.

♎ ♀. *Auſtria, Alſatia, Livonia, Sabaudia, Delphinate, Thuſcia, Bactriana, Caſpia, Thebais, Troloditicam;* and of Cities and Towns, *Lisborne, Arles, Cajeta, Lauday,* Placentina, *Friburge, Argentina,* Spires, *Francford* upon *Mæne, Hall* in *Suevo, Heilbrunne, Friſinga, Mosbachium, Landſhute, Vienna* in *Auſtria, Antwerpe.*

Under Scorpio and Mars.

♏ ♂. *Norway* the higher, *Bavaria, Comagena, Cappadocia, Iaumæa, Mauritania,* the Kingdome of *Feſſe, Gethulia, Catalania:* and of Cities and Towns, *Algires,*

Valence in *Spain*, *Trapezant*, *Urbinum*, *Aquilia*, *Piſtorium*, *Tarviſium*, *Forum Julium*, *Meſſana*, *Vienna* in *France*, *Monachium*, *Francford* upon *Odar*.

Under Sagitarius and Jupiter.

♐ ♃ *Spain*, *Dalmatia*, *Slavonia*, *Hungarie*, *Moravia*, *Miſnia*, *Celtica*, *Arabia* the happy: Of Cities and Towns: *Toletum*, *Volateras*, *Mutinum*, *Narbone*, *Avenion*, *Colonia*, *Agrippina*, *Slagarde*, *Buda*.

Under Capricorn and Saturn.

♑ ♄, *Macedonia*, *Illyris*, *Thracia*, *Albania*, *Bulgaria*, part of *Greece*, *Mazovia*, *Lituania*, *Saxonia*, *Haſsia*, *Thuringia*, *Stiria*, *India*, and the Iſlands of *Orchades*: and of Cities and Towns, *Oxford*, *Juliacum*, *Clivia*, *Berges*, *Mechlin*, *Gaunt*, *Vilna*, *Brandenburge*, *Augusta*, *Vindel*, *Conſtance*, *Fervence*,

Under Aquarius and Saturn.

♒ ♄, *Amazania*, *Sarmaria*, great *Tartaria*, *Valachia*, *Moſcovia*, the South part of *Swedland*, *Weſtphalia*, *Moſel*, *Piemont*, part of *Bavaria*, *Æthiopia*, *Sogdiana*, *Media*, *Arabia* the Deſart; and of Cities, *Hamborough*, *Breme*, *Monsferrat*, *Piſaurum*, *Trent*, *Ingolſtade*.

Under Piſces and Jupiter.

♓ ♃, *Cilicia*, *Calabria*, *Portugall*, *Galitia*, *Normandie*, *Garomantes*, *Lydia*, *Phamphylia*, *Ægypt* the higher: Of Cities and Towns, *Alexandria*, *Hiſpalis*, *Compoſtella*, *Worms*, *Ratisbone*.

A Table shewing the nature and quality of some of the principallest of the fixed Stars, being collected out of the Works of the most learned *Astrologians*, who have experimentally proved the same.

The Whales belly	♄	*Saturn*
The navil of Andromeda	♀	*Venus*
Algol	♄♀♃	*Saturn, Venus, Jupiter*
The Pleiades, or seven Stars	♂☾	*Mars, The Moon*
The right side of Perseus	♄♀	*Saturn, Venus*
Aldebaran, or the Buls Eye	♂☿	*Mars, Mercury*
The left foot of Orion	♃♄	*Jupiter, Saturn*
The left shoulder of Orion	♂☿	*Mars, Mercury*
The Goat	♂☿♃	*Mars, Mercury, Iupiter*
The right shoulder of Orion	♂☿	*Mars, Mercury*
Syrius, or the greater Dog,	♃♂	*Iupiter, Mars*
Procyon, or the lesser Dog	☿♂	*Mercury, Mars*
The Asselli	♂☾	*Mars, Luna*
The bright Star of Hydra	♄♀	*Saturn, Venus*
Regulus, the Lions Heart	♃♂	*Iupiter, Mars*
The Lions tail	♄♀☿	*Saturn, Venus, Mercury*
The right wing of the Raven	♄♂	*Saturn, Mars*
Arista, the Virgins-Spick	♀☿♃	*Venus, Mercury, Iupiter*
Arcturus	♃♂	*Iupiter, Mars*
The South Ballance	♄☿	*Saturn, Mercury*
The North Ballance	♃☿	*Iupiter, Mercury*
Antares, or the Scorpions-hart	♂♃	*Mars, Iupiter*
The head of Hercules	♂☿	*Mars, Mercury*
The Scorpions-tail	♂☿	*Mars, Mercury*
The Dragons-head	♄♂	*Saturn, Mars*
The Harp	♀☿♂	*Venus, Mercury, Mars*
The flying Eagle	♂♃	*Mars, Iupiter*
The Goats tail	♄♃☿	*Saturn, Iupiter, Mercury*
The Swans tail	♀♂	*Venus, Mars*
The Whales tail	♄	*Saturn*

The Sexagenary Table, serving for *Multiplication*, *Division*, and for finding the *Part proportionall*.

	1	2	3	4	5	6	7	8	9	10
1	0 1	0 2	0 3	0 4	0 5	0 6	0 7	0 8	0 9	0 10
2	0 2	0 4	0 6	0 8	0 10	0 12	0 14	0 16	0 18	0 20
3	0 3	0 6	0 9	0 12	0 15	0 18	0 21	0 24	0 27	0 30
4	0 4	0 8	0 12	0 16	0 20	0 24	0 28	0 32	0 36	0 40
5	0 5	0 10	0 15	0 20	0 25	0 30	0 35	0 40	0 45	0 50
6	0 6	0 12	0 18	0 24	0 30	0 36	0 42	0 48	0 54	1 0
7	0 7	0 14	0 21	0 28	0 35	0 42	0 49	0 56	1 3	1 10
8	0 8	0 16	0 24	0 32	0 40	0 48	0 56	1 4	1 12	1 20
9	0 9	0 18	0 27	0 36	0 45	0 54	1 3	1 12	1 21	1 30
10	0 10	0 20	0 30	0 40	0 50	1 0	1 10	1 20	1 30	1 40
11	0 11	0 22	0 33	0 44	0 55	1 6	1 17	1 28	1 39	1 50
12	0 12	0 24	0 36	0 48	1 0	1 12	1 24	1 36	1 48	2 0
13	0 13	0 26	0 39	0 52	1 5	1 18	1 31	1 44	1 57	2 10
14	0 14	0 28	0 42	0 56	1 10	1 24	1 38	1 52	2 6	2 20
15	0 15	0 30	0 45	1 0	1 15	1 30	1 45	2 0	2 15	2 30
16	0 16	0 32	0 48	1 4	1 20	1 36	1 52	2 8	2 24	2 40
17	0 17	0 34	0 51	1 8	1 25	1 42	1 59	2 16	2 33	2 50
18	0 18	0 36	0 54	1 12	1 30	1 48	2 6	2 24	2 42	3 0
19	0 19	0 38	0 57	1 16	1 35	1 54	2 13	2 32	2 51	3 10
20	0 20	0 40	1 0	1 20	1 40	2 0	2 20	2 40	3 0	3 20
21	0 21	0 42	1 3	1 24	1 45	2 6	2 27	2 48	3 9	3 30
22	0 22	0 44	1 6	1 28	1 50	2 12	2 34	2 56	3 18	3 40
23	0 23	0 46	1 9	1 32	1 55	2 18	2 41	3 4	3 27	3 50
24	0 24	0 48	1 12	1 36	2 0	2 24	2 48	3 12	3 36	4 0
25	0 25	0 50	1 15	1 40	2 5	2 30	2 55	3 20	3 45	4 10
26	0 26	0 52	1 18	1 44	2 10	2 36	3 2	3 28	3 54	4 20
27	0 27	0 54	1 21	1 48	2 15	2 42	3 9	3 36	4 3	4 30
28	0 28	0 56	1 24	1 52	2 20	2 48	3 16	3 44	4 12	4 40
29	0 29	0 58	1 27	1 56	2 25	2 54	3 23	3 52	4 21	4 50
30	0 30	1 0	1 30	2 0	2 30	3 0	3 30	4 0	4 30	5 0

The Sexagenary Table, serving for *Multiplication*, *Division*, and for finding the *Part proportionall*.

	1	2	3	4	5	6	7	8	9	10
31	0 31	1 2	1 33	2 4	2 35	3 6	3 37	4 8	4 39	5 10
32	0 32	1 4	1 36	2 8	2 40	3 12	3 44	4 16	4 48	5 20
33	0 33	1 6	1 39	2 12	2 45	3 18	3 51	4 24	4 57	5 30
34	0 34	1 8	1 42	2 16	2 50	3 24	3 58	4 32	5 6	5 40
35	0 35	1 10	1 45	2 20	2 55	3 30	4 5	4 40	5 15	5 50
36	0 36	1 12	1 48	2 24	3 0	3 36	4 12	4 48	5 24	6 0
37	0 37	1 14	1 51	2 28	3 5	3 42	4 19	4 56	5 33	6 10
38	0 38	1 16	1 54	2 32	3 10	3 48	4 26	5 4	5 42	6 20
39	0 39	1 18	1 57	2 36	3 15	3 54	4 33	5 12	5 51	6 30
40	0 40	1 20	2 0	2 40	3 20	4 0	4 40	5 20	6 0	6 40
41	0 41	1 22	2 3	2 44	3 25	4 6	4 47	5 28	6 9	6 50
42	0 42	1 24	2 6	2 48	3 30	4 12	4 54	5 36	6 18	7 0
43	0 43	1 26	2 9	2 52	3 35	4 18	5 1	5 44	6 27	7 10
44	0 44	1 28	2 12	2 56	3 40	4 24	5 8	5 52	6 36	7 20
45	0 45	1 30	2 15	3 0	3 45	4 30	5 15	6 0	6 45	7 30
46	0 46	1 32	2 18	3 4	3 50	4 36	5 22	6 8	6 54	7 40
47	0 47	1 34	2 21	3 8	3 55	4 42	5 29	6 16	7 3	7 50
48	0 48	1 36	2 24	3 12	4 0	4 48	5 36	6 24	7 12	8 0
49	0 49	1 38	2 27	3 16	4 5	4 54	5 43	6 32	7 21	8 10
50	0 50	1 40	2 30	3 20	4 10	5 0	5 50	6 40	7 30	8 20
51	0 51	1 42	2 33	3 24	4 15	5 6	5 57	6 48	7 39	8 30
52	0 52	1 44	2 36	3 28	4 20	5 12	6 4	6 56	7 48	8 40
53	0 53	1 46	2 39	3 32	4 25	5 18	6 11	7 4	7 57	8 50
54	0 54	1 48	2 42	3 36	4 30	5 24	6 18	7 12	8 6	9 0
55	0 55	1 50	2 45	3 40	4 35	5 30	6 25	7 20	8 15	9 10
56	0 56	1 52	2 48	3 44	4 40	5 36	6 32	7 28	8 24	9 20
57	0 57	1 54	2 51	3 48	4 45	5 42	6 39	7 36	8 33	9 30
58	0 58	1 56	2 54	3 52	4 50	5 48	6 46	7 44	8 42	9 40
59	0 55	1 58	2 57	3 56	4 55	5 54	6 53	7 52	8 51	9 50
60	1 0	2 0	3 0	4 0	5 0	5 0	7 0	8 0	9 0	10 0

The Sexagenary Table, serving for *Multiplication*, *Division*, and for finding the *Part proportionall*.

	11	12	13	14	15	16	17	18	19	20
1	0 11	0 12	0 13	0 14	0 15	0 16	0 17	0 18	0 19	0 20
2	0 22	0 24	0 26	0 28	0 30	0 32	0 34	0 36	0 38	0 40
3	0 33	0 36	0 39	0 42	0 45	0 48	0 51	0 54	0 57	1 0
4	0 44	0 48	0 52	0 56	1 0	1 4	1 8	1 12	1 16	1 20
5	0 55	1 0	1 5	1 10	1 15	1 20	1 25	1 30	1 35	1 40
6	1 6	1 12	1 18	1 24	1 30	1 36	1 42	1 48	1 54	2 0
7	1 17	1 24	1 31	1 38	1 45	1 52	1 59	2 6	2 13	2 20
8	1 28	1 36	1 44	1 52	2 0	2 8	2 16	2 14	2 32	2 40
9	1 39	1 48	1 57	2 6	2 15	2 24	2 33	2 42	2 51	3 0
10	1 50	2 0	2 10	2 20	2 30	2 40	2 50	3 0	3 10	3 20
11	2 1	2 12	2 23	2 34	2 45	2 56	3 7	3 18	3 29	3 40
12	2 12	2 24	2 36	2 48	3 0	3 12	3 24	3 36	3 48	4 0
13	2 23	2 36	2 49	3 2	3 15	3 28	3 41	3 54	4 7	4 20
14	2 34	2 48	3 2	3 16	3 30	3 44	3 58	4 12	4 26	4 40
15	2 45	3 0	3 15	3 30	3 45	4 0	4 15	4 30	4 45	5 0
16	2 56	3 12	3 28	3 44	4 0	4 16	4 32	4 48	5 4	5 20
17	3 7	3 24	3 41	3 58	4 15	4 32	4 49	5 6	5 23	5 40
18	3 18	3 36	3 54	4 12	4 30	4 48	5 6	5 24	5 42	6 0
19	3 29	3 48	4 7	4 26	4 45	5 4	5 23	5 42	6 1	6 20
20	3 40	4 0	4 20	4 40	5 0	5 20	5 40	6 0	6 20	6 40
21	3 51	4 12	4 33	4 54	5 15	5 36	5 57	6 18	6 39	7 0
22	4 2	4 24	4 46	5 8	5 30	5 52	6 14	6 36	6 58	7 20
23	4 13	4 36	4 59	5 22	5 45	6 8	6 31	6 54	7 17	7 40
24	4 24	4 48	5 12	5 36	6 0	6 24	6 48	7 12	7 36	8 0
25	4 35	5 0	5 25	5 50	6 15	6 40	7 5	7 30	7 55	8 20
26	4 46	5 12	5 38	6 4	6 30	6 56	7 22	7 48	8 14	8 40
27	4 57	5 24	5 51	6 18	6 45	7 12	7 39	8 6	8 33	9 0
28	5 8	5 36	6 4	6 32	7 0	7 28	7 56	8 24	8 52	9 20
29	5 19	5 48	6 17	6 46	7 15	7 44	8 13	8 42	9 11	9 40
30	5 30	6 0	6 30	7 0	7 30	8 0	8 30	9 0	9 30	10 0

The Sexagenary Table, serving for *Multiplication*, *Division*, and for finding the *Part proportionall*.

	11	12	13	14	15	16	17	18	19	20
31	5 41	6 12	6 43	7 14	7 45	8 16	8 47	9 18	9 49	10 20
32	5 52	6 24	6 56	7 28	8 0	8 32	9 4	9 32	10 8	10 40
33	6 3	6 36	7 9	7 42	8 15	8 48	9 21	9 54	10 27	11 0
34	6 14	6 48	7 22	7 56	8 30	9 4	9 38	10 12	10 46	11 20
35	6 25	7 0	7 35	8 10	8 45	9 20	9 55	10 30	11 5	11 40
36	6 36	7 12	7 48	8 24	9 0	9 36	10 12	10 48	11 24	12 0
37	6 47	7 24	8 1	8 38	9 15	9 52	10 29	11 6	11 43	12 20
38	6 58	7 36	8 14	8 52	9 30	10 8	10 46	11 24	12 2	12 40
39	7 9	7 48	8 27	9 6	9 45	10 24	11 3	11 42	12 21	13 0
40	7 20	8 0	8 40	9 20	10 0	10 40	11 20	12 0	12 40	13 20
41	7 31	8 12	8 53	9 34	10 15	10 56	11 37	12 18	12 59	13 40
42	7 42	8 24	9 6	9 48	10 30	11 12	11 54	12 36	13 18	14 0
43	7 53	8 36	9 19	10 2	10 45	11 28	12 11	12 54	13 37	14 20
44	8 4	8 48	9 32	10 16	11 0	11 44	12 28	13 12	13 56	14 40
45	8 15	9 0	9 45	10 30	11 15	12 0	12 45	13 30	14 15	15 0
46	8 26	9 12	9 58	10 44	11 30	12 16	13 2	13 48	14 34	15 20
47	8 37	9 24	10 11	10 58	11 45	12 32	13 19	14 6	14 53	15 40
48	8 48	9 36	10 24	11 12	12 0	12 48	13 36	14 24	15 12	16 0
49	8 59	9 48	10 37	11 26	12 15	13 4	13 53	14 42	15 31	16 20
50	9 10	10 0	10 50	11 40	12 30	13 20	14 10	15 0	15 50	16 40
51	9 21	10 12	11 5	11 54	12 45	13 36	14 27	15 18	16 9	17 0
52	9 32	10 24	11 16	12 8	13 0	13 52	14 44	15 36	16 28	17 20
53	9 43	10 36	11 29	12 22	13 15	14 8	15 1	15 54	16 47	17 40
54	9 54	10 48	11 42	12 36	13 30	14 24	15 18	16 12	17 6	18 0
55	10 5	11 0	11 55	12 50	13 45	14 40	15 35	16 30	17 25	18 20
56	10 16	11 12	12 8	13 4	14 0	14 56	15 52	16 48	17 44	18 40
57	10 27	11 24	12 21	13 18	14 15	15 12	16 9	17 6	18 3	19 0
58	10 38	11 36	12 34	13 32	14 30	15 28	16 26	17 24	18 22	19 20
59	10 49	11 48	12 47	13 46	14 45	15 44	16 43	17 42	18 41	19 40
60	11 0	12 0	13 0	14 0	15 0	16 0	17 0	18 0	19 0	20 0

The Sexagenary Table, serving for *Multiplication*, *Division*, and for finding the *Part proportionall*.

	21	22	23	24	25	26	27	28	29	30
1	0 21	0 22	0 23	0 24	0 25	0 26	0 27	0 28	0 29	0 30
2	0 42	0 44	0 46	0 48	0 50	0 52	0 54	0 56	0 58	1 0
3	1 3	1 6	1 9	1 12	1 15	1 18	1 21	1 24	1 27	1 30
4	1 24	1 28	1 32	1 36	1 40	1 44	1 48	1 52	1 56	2 0
5	1 45	1 50	1 55	2 0	2 5	2 10	2 15	2 20	2 25	2 30
6	2 6	2 12	2 18	2 24	2 30	2 36	2 42	2 48	2 54	3 0
7	2 27	2 34	2 41	2 48	2 55	3 2	3 9	3 16	3 23	3 30
8	2 48	2 56	3 4	3 12	3 20	3 28	3 36	3 44	3 52	4 0
9	3 9	3 18	3 27	3 36	3 45	3 54	4 3	4 12	4 21	4 30
10	3 30	3 40	3 50	4 0	4 10	4 20	4 30	4 40	4 50	5 0
11	3 51	4 2	4 13	4 24	4 35	4 46	4 57	5 8	5 19	5 30
12	4 12	4 24	4 36	4 48	5 0	5 12	5 24	5 36	5 48	6 0
13	4 33	4 46	4 59	5 12	5 25	5 38	5 51	6 4	6 17	6 30
14	4 54	5 8	5 22	5 36	5 50	6 4	6 18	6 32	6 46	7 0
15	5 15	5 30	5 45	6 0	6 15	6 30	6 45	7 0	7 15	7 30
16	5 36	5 52	6 8	6 24	6 40	6 56	7 12	7 28	7 44	8 0
17	5 57	6 14	6 31	6 48	7 5	7 22	7 39	7 56	8 13	8 30
18	6 18	6 36	6 54	7 12	7 30	7 48	8 6	8 24	8 42	9 0
19	6 39	6 58	7 17	7 36	7 55	8 14	8 33	8 52	9 11	9 30
20	7 0	7 20	7 40	8 0	8 20	8 40	9 0	9 20	9 40	10 0
21	7 21	7 42	8 3	8 24	8 45	9 6	9 27	9 48	10 9	10 30
22	7 42	8 4	8 26	8 48	9 10	9 32	9 54	10 16	10 38	11 0
23	8 3	8 26	8 49	9 12	9 35	9 58	10 21	10 44	11 7	11 30
24	8 24	8 48	9 12	9 36	10 0	10 24	10 48	11 12	11 36	12 0
25	8 45	9 10	9 35	10 0	10 25	10 50	11 15	11 40	12 5	12 30
26	9 6	9 32	9 58	10 24	10 50	11 16	11 42	12 8	12 34	13 0
27	9 27	9 54	10 21	10 48	11 15	11 42	12 9	12 36	13 3	13 30
28	9 48	10 16	10 44	11 12	11 40	12 8	12 36	13 4	13 32	14 0
29	10 9	10 38	11 7	11 36	12 5	12 34	13 3	13 32	14 1	14 30
30	10 30	11 0	11 30	12 0	12 30	13 0	13 30	14 0	14 30	15 0

The Sexagenary Table, serving for *Multiplication*, *Division*, and for finding the *Part proportionall*.

	21	22	23	24	25	26	27	28	29	30
31	10 51	11 22	11 53	12 24	12 55	13 26	13 57	14 28	14 58	15 30
32	11 12	11 44	12 16	12 48	13 20	13 52	14 24	14 56	15 28	16 0
33	11 33	12 6	12 39	13 12	13 45	14 18	14 51	15 24	15 57	16 30
34	11 54	12 28	13 2	13 36	14 10	14 44	15 18	15 52	16 26	17 0
35	12 15	12 50	13 25	14 0	14 35	15 10	15 45	16 20	16 55	17 30
36	12 36	13 12	13 48	14 24	15 0	15 36	16 12	16 48	17 24	18 0
37	12 57	13 34	14 11	14 48	15 25	16 2	16 39	17 16	17 53	18 30
38	13 18	13 56	14 34	15 12	15 50	16 28	17 6	17 44	18 22	19 0
39	13 39	14 18	14 57	15 36	16 15	16 54	17 33	18 12	18 51	19 30
40	14 0	14 40	15 20	16 0	16 40	17 20	18 0	18 40	19 20	20 0
41	14 21	15 2	15 43	16 24	17 5	17 46	18 27	19 8	19 49	20 30
42	14 42	15 24	16 6	16 48	17 30	18 12	18 54	19 36	20 18	21 0
43	15 3	15 46	16 29	17 12	17 55	18 38	19 21	20 4	20 47	21 30
44	15 24	16 8	16 52	17 36	18 20	19 4	19 48	20 32	21 16	22 0
45	15 45	16 30	17 15	18 0	18 45	19 30	20 15	21 0	21 45	22 30
46	16 6	16 52	17 38	18 24	19 10	19 56	20 42	21 28	22 14	23 0
47	16 27	17 14	18 1	18 48	19 35	20 22	21 9	21 56	22 43	23 30
48	16 48	17 36	18 24	19 12	20 0	20 48	21 36	22 24	23 12	24 0
49	17 9	17 58	18 47	19 36	20 25	21 14	22 3	22 52	23 41	24 30
50	17 30	18 20	19 10	20 0	20 50	21 40	22 30	23 20	24 10	25 0
51	17 51	18 42	19 33	20 24	21 15	22 6	22 57	23 48	24 39	25 30
52	18 12	19 4	19 56	20 48	21 40	22 32	23 24	24 16	25 8	26 0
53	18 33	19 26	20 19	21 12	22 5	22 58	23 51	24 44	25 37	26 30
54	18 54	19 48	20 42	21 36	22 30	23 24	24 18	25 12	26 6	27 0
55	19 15	20 10	21 5	22 0	22 55	23 50	24 45	25 40	26 35	27 30
56	19 36	20 32	21 28	22 24	23 20	24 16	25 12	26 8	27 4	28 0
57	19 57	20 54	21 51	22 48	23 45	24 42	25 39	26 36	27 33	28 30
58	20 18	21 16	22 14	23 12	24 10	25 8	26 6	27 4	28 2	29 0
59	20 39	21 38	22 37	23 36	24 35	25 34	26 33	27 32	28 31	29 30
60	21 0	22 0	23 0	24 0	25 0	26 0	27 0	28 0	29 0	30 0

The Sexagenary Table, serving for *Multiplication*, *Division*, and for finding the *Part proportionall*.

	31	32	33	34	35	36	37	38	39	40
1	0 31	0 32	0 33	0 34	0 35	0 36	0 37	0 38	0 39	0 40
2	1 2	1 4	1 6	1 8	1 10	1 12	1 14	1 16	1 18	1 20
3	1 33	1 36	1 39	1 42	1 45	1 48	1 51	1 54	1 57	2 0
4	2 4	2 8	2 12	2 16	2 20	2 24	2 28	2 32	2 36	2 40
5	2 35	2 40	2 45	2 50	2 55	3 0	3 5	3 10	3 15	3 20
6	3 6	3 12	3 18	3 24	3 30	3 36	3 42	3 48	3 54	4 0
7	3 37	3 44	3 51	3 58	4 5	4 12	4 19	4 26	4 33	4 40
8	4 8	4 16	4 24	4 32	4 40	4 48	4 56	5 4	5 12	5 20
9	4 39	4 48	4 57	5 6	5 15	5 24	5 33	5 42	5 51	6 0
10	5 10	5 20	5 30	5 40	5 50	6 0	6 10	6 20	6 30	6 40
11	5 41	5 52	6 3	6 14	6 25	6 36	6 47	6 58	7 9	7 20
12	6 12	6 24	6 36	6 48	7 0	7 12	7 24	7 36	7 48	8 0
13	6 43	6 56	7 9	7 22	7 35	7 48	8 1	8 14	8 27	8 40
14	7 14	7 28	7 42	7 56	8 10	8 24	8 38	8 52	9 6	9 20
15	7 45	8 0	8 15	8 30	8 45	9 0	9 15	9 30	9 45	10 0
16	8 16	8 32	8 48	9 4	9 20	9 36	9 52	10 8	10 24	10 40
17	8 47	9 4	9 21	9 38	9 55	10 12	10 29	10 46	11 3	11 20
18	9 18	9 36	9 54	10 12	10 30	10 48	11 6	11 24	11 42	12 0
19	9 49	10 8	10 27	10 46	11 5	11 24	11 43	12 2	12 21	12 40
20	10 20	10 40	11 0	11 20	11 40	12 0	12 20	12 40	13 0	13 20
21	10 51	11 12	11 33	11 54	12 15	12 36	12 57	13 18	13 39	14 0
22	11 22	11 44	12 6	12 28	12 50	13 12	13 34	13 56	14 18	14 40
23	11 53	12 16	12 39	13 2	13 25	13 48	14 11	14 34	14 57	15 20
24	12 24	12 48	13 12	13 36	14 0	14 24	14 48	15 12	15 36	16 0
25	12 55	13 20	13 45	14 10	14 35	15 0	15 25	15 50	16 15	16 40
26	13 26	13 52	14 18	14 44	15 10	15 36	16 2	16 28	16 54	17 20
27	13 57	14 24	14 51	15 18	15 45	16 12	16 39	17 6	17 33	18 0
28	14 28	14 56	15 24	15 52	16 20	16 48	17 16	17 44	18 12	18 40
29	14 59	15 28	15 57	16 26	16 55	17 24	17 53	18 22	18 51	19 20
30	15 30	16 0	16 30	17 0	17 30	18 0	18 30	19 0	19 30	20 0

The Sexagenary Table, serving for *Multiplication*, *Division*, and for finding the *Part proportionall*.

	31	32	33	34	35	36	37	38	39	40
31	16 1	16 32	17 3	17 34	18 5	18 36	19 7	19 38	20 9	20 40
32	16 32	17 4	17 36	18 8	18 40	19 12	19 44	20 16	20 48	21 20
33	17 3	17 36	18 9	18 42	19 15	19 48	20 21	20 54	21 27	22 0
34	17 34	18 8	18 42	19 16	19 50	20 24	20 58	21 32	22 6	22 40
35	18 5	18 40	19 15	19 50	20 25	21 0	21 35	22 10	22 45	23 20
36	18 36	19 12	19 48	20 24	21 0	21 36	22 12	22 48	23 24	24 0
37	19 7	19 44	20 21	20 58	21 35	22 12	22 49	23 26	24 3	24 40
38	19 38	20 16	20 54	21 32	22 10	22 48	23 26	24 4	24 42	25 20
39	20 9	20 48	21 27	22 6	22 45	23 24	24 3	24 42	25 21	26 0
40	20 40	21 20	22 0	22 40	23 20	24 0	24 40	25 20	26 0	26 40
41	21 11	21 52	22 33	23 14	23 55	24 36	25 17	25 58	26 39	27 20
42	21 42	22 24	23 6	23 48	24 30	25 12	25 54	26 36	27 18	28 0
43	22 13	22 56	23 39	24 22	25 5	25 48	26 31	27 14	27 57	28 40
44	22 44	23 28	24 12	24 56	25 40	26 24	27 8	27 52	28 36	29 20
45	23 15	24 0	24 45	25 30	26 15	27 0	27 45	28 30	29 15	30 0
46	23 46	24 32	25 18	26 4	26 50	27 36	28 22	29 8	29 54	30 40
47	24 17	25 4	25 51	26 38	27 25	28 12	28 59	29 46	30 33	31 20
48	24 48	25 36	26 24	17 12	28 0	28 48	29 36	30 24	31 12	32 0
49	25 19	26 8	26 57	27 46	28 35	29 24	30 13	31 2	31 51	32 40
50	25 50	26 40	27 30	28 20	29 10	30 0	30 50	31 40	32 30	33 20
51	26 21	27 12	28 3	28 54	29 45	30 36	31 27	32 18	33 9	34 0
52	26 52	27 44	28 36	29 28	30 20	31 12	32 4	32 56	33 48	34 40
53	27 23	28 16	29 9	30 2	30 55	31 48	32 41	33 34	34 27	35 20
54	27 54	28 48	29 42	30 36	31 30	32 24	33 18	34 12	35 6	36 0
55	28 25	29 20	30 15	31 10	32 5	33 0	33 55	34 50	35 45	36 40
56	28 56	29 52	30 48	31 44	32 40	33 36	34 32	35 28	36 24	37 20
57	29 27	30 24	31 21	32 18	33 15	34 12	35 9	36 6	37 3	38 0
58	29 58	30 56	31 54	32 52	33 50	34 48	35 46	36 44	37 42	38 40
59	30 29	31 28	32 27	33 26	34 25	35 24	36 23	37 22	38 21	39 20
60	31 0	32 0	33 0	34 0	35 0	36 0	37 0	38 0	39 0	40 0

The Sexagenary Table, serving for *Multiplication*, *Division*, and for finding the *Part proportionall*.

	41	42	43	44	45	46	47	48	49	50
1	0 41	0 42	0 43	0 44	0 45	0 46	0 47	0 48	0 49	0 50
2	1 22	1 24	1 26	1 28	1 30	1 32	1 34	1 36	1 38	1 40
3	2 3	2 6	2 9	2 12	2 15	2 18	2 21	2 24	2 27	2 30
4	2 44	2 48	2 52	2 56	3 0	3 4	3 8	3 12	3 16	3 20
5	3 25	3 30	3 35	3 40	3 45	3 50	3 55	4 0	4 5	4 10
6	4 6	4 12	4 18	4 24	4 30	4 36	4 42	4 48	4 54	5 0
7	4 47	4 54	5 1	5 8	5 15	5 22	5 29	5 36	5 43	5 50
8	5 28	5 36	5 44	5 52	6 0	6 8	6 16	6 24	6 32	6 40
9	6 9	6 18	6 27	6 36	6 45	6 54	7 3	7 12	7 21	7 30
10	6 50	7 0	7 10	7 20	7 30	7 40	7 50	8 0	8 10	8 20
11	7 31	7 42	7 53	8 4	8 15	8 26	8 37	8 48	8 59	9 10
12	8 12	8 24	8 36	8 48	9 0	9 12	9 24	9 36	9 48	10 0
13	8 53	9 6	9 19	9 32	9 45	9 58	10 11	10 24	10 37	10 50
14	9 34	9 48	10 2	10 16	10 30	10 44	10 58	11 12	11 26	11 40
15	10 15	10 30	10 45	11 0	11 15	11 30	11 45	12 0	12 15	12 30
16	10 56	11 12	11 28	11 44	12 0	12 16	12 32	12 48	13 4	13 20
17	11 37	11 54	12 11	12 28	12 45	13 2	13 19	13 36	13 53	14 10
18	12 18	12 36	12 54	13 12	13 30	13 48	14 6	14 24	14 42	15 0
19	12 59	13 18	13 37	13 56	14 15	14 34	14 53	15 12	15 31	15 50
20	13 40	14 0	14 20	14 40	15 0	15 20	15 40	16 0	16 20	16 40
21	14 21	14 42	15 3	15 24	15 45	16 6	16 27	16 48	17 9	17 30
22	15 2	15 24	15 46	16 8	16 30	16 52	17 14	17 36	17 58	8 20
23	15 42	16 6	16 29	16 52	17 15	17 38	18 1	18 24	18 47	19 10
24	16 24	16 48	17 12	17 36	18 0	18 24	18 48	19 12	19 36	20 0
25	17	17 30	17 55	18 20	18 45	19 10	19 35	20 0	20 25	20 50
26	17 46	18 12	18 38	19 4	19 30	19 56	20 22	20 48	21 14	21 40
27	18 27	18 54	19 21	19 48	20 15	20 42	21 9	21 36	22 3	22 30
28	19 8	19 36	20 4	0 32	21 0	21 28	21 56	22 24	22 52	23 20
29	19 49	20 18	0 47	1 16	21 45	22 14	22 43	23 12	23 41	24 10
30	20 30	21 0	1 30	22 0	22 30	23 0	23 30	24 0	24 30	25 0

The Sexagenary Table, serving for *Multiplication, Division*, and for finding the *Part proportionall*.

	41	42	43	44	45	46	47	48	49	50
31	21 11	21 42	22 13	22 44	23 15	23 46	24 17	24 48	25 19	25 50
32	21 52	22 24	22 56	23 28	24 0	24 32	25 4	25 36	26 8	26 40
33	22 33	23 6	23 39	24 12	24 45	25 18	25 51	26 24	26 57	27 30
34	23 14	23 48	24 22	24 56	25 30	26 4	26 38	27 12	27 46	28 20
35	23 55	24 30	25 5	25 40	26 15	26 50	27 25	28 0	28 35	29 10
36	24 36	25 12	25 48	26 24	27 0	27 36	28 12	28 48	29 24	30 0
37	25 17	25 54	26 31	27 8	27 45	28 22	28 59	29 36	30 13	30 50
38	25 58	26 36	27 14	27 52	28 30	29 8	29 46	30 24	31 2	31 40
39	26 39	27 18	27 57	28 36	29 15	29 54	30 33	31 12	31 51	32 30
40	27 20	28 0	28 40	29 20	30 0	30 40	31 20	32 0	32 40	33 20
41	28 1	28 42	29 23	30 4	30 45	31 26	32 7	32 48	33 29	34 10
42	28 42	29 24	30 6	30 48	31 30	32 12	32 54	33 36	34 18	35 0
43	29 23	30 6	30 49	31 32	32 15	32 58	33 41	34 24	35 7	35 50
44	30 4	30 48	31 32	32 16	33 0	33 44	34 28	35 12	35 56	36 40
45	30 45	31 30	32 15	33 0	33 45	34 30	35 15	36 0	36 45	37 30
46	31 26	32 12	32 58	33 44	34 30	35 16	36 2	36 48	37 34	38 20
47	32 7	32 54	33 41	34 28	35 15	36 2	36 49	37 36	38 23	39 10
48	32 48	33 36	34 24	35 12	36 0	36 48	37 36	38 24	39 12	40 0
49	33 29	34 18	35 7	35 56	36 45	37 34	38 23	39 12	40 1	40 50
50	34 10	35 0	35 50	36 40	37 30	38 20	39 10	40 0	40 50	41 40
51	34 51	35 42	36 33	37 24	38 15	39 6	39 57	40 48	41 39	42 30
52	35 32	36 24	37 16	38 8	39 0	39 52	40 44	41 36	42 28	43 20
53	36 13	37 6	37 59	38 52	39 45	40 38	41 31	42 24	43 17	44 10
54	36 54	37 48	38 42	39 36	40 30	41 24	42 18	43 12	44 6	45 0
55	37 35	38 30	39 25	40 20	41 15	42 10	43 5	44 0	44 55	45 50
56	38 16	39 12	40 8	41 4	42 0	43 56	43 52	44 48	45 44	46 40
57	38 57	39 54	40 5	41 48	42 45	43 42	44 39	45 36	46 33	47 30
58	39 38	40 36	41 34	42 32	43 30	44 28	45 26	46 24	47 22	48 20
59	40 19	41 18	42 17	43 16	44 15	45 14	46 13	47 12	48 11	49 10
60	41 0	42 0	43 0	44 0	45 0	46 0	47 0	48 0	49 0	50 0

The Sexageniary Table, serving for *Multiplication, Division*, and for finding the *Part proportionall*.

	51	52	53	54	55	56	57	58	59	60
1	0 51	0 52	0 53	0 54	0 55	0 56	0 57	0 58	0 59	1 0
2	1 42	1 44	1 46	1 48	1 50	1 52	1 54	1 56	1 58	2 0
3	2 33	2 36	2 39	2 42	2 45	2 48	2 51	2 54	2 57	3 0
4	3 24	3 28	3 32	3 36	3 40	3 44	3 48	3 52	3 56	4 0
5	4 15	4 20	4 25	4 30	4 35	4 40	4 45	4 50	4 55	5 0
6	5 6	5 12	5 18	5 24	5 30	5 36	5 42	5 48	5 54	6 0
7	5 57	6 4	6 11	6 18	6 25	6 32	6 39	6 46	6 53	7 0
8	6 48	6 56	7 4	7 12	7 20	7 28	7 36	7 44	7 52	8 0
9	7 39	7 48	7 57	8 6	8 15	8 24	8 33	8 42	8 51	9 0
10	8 30	8 40	8 50	9 0	9 10	9 20	9 30	9 40	9 50	10 0
11	9 21	9 32	9 43	9 54	10 5	10 16	10 27	10 38	10 49	11 0
12	10 12	10 24	10 36	10 48	11 0	11 12	11 24	11 36	11 48	12 0
13	11 3	11 16	11 29	11 42	11 55	12 8	12 21	12 34	12 47	13 0
14	11 54	12 8	12 22	12 36	12 50	13 4	13 18	13 32	13 46	14 0
15	12 45	13 0	13 15	13 30	13 45	14 0	14 15	14 30	14 45	15 0
16	13 36	13 52	14 8	14 24	14 40	14 56	15 12	15 28	15 44	16 0
17	14 27	14 44	15 1	15 18	15 35	15 52	16 9	16 26	16 43	17 0
18	15 18	15 36	15 54	16 12	16 30	16 48	17 6	17 24	17 42	18 0
19	16 9	16 28	16 47	17 6	17 25	17 44	18 3	18 22	18 41	19 0
20	17 0	17 20	17 40	18 0	18 20	18 40	19 0	19 20	19 40	20 0
21	17 51	18 12	18 33	18 54	19 15	19 36	19 57	20 18	20 39	21 0
22	18 42	19 4	19 26	19 48	20 10	20 32	20 54	21 16	21 38	22 0
23	19 33	19 56	20 19	20 42	21 5	21 28	21 51	22 14	22 37	23 0
24	20 24	20 48	21 12	21 36	22 0	22 24	22 48	23 12	23 36	24 0
25	21 15	21 40	22 5	22 30	22 55	23 20	23 45	24 10	24 35	25 0
26	22 6	22 32	22 58	23 24	23 50	24 16	24 42	25 8	25 34	26 0
27	22 57	23 24	23 51	24 18	24 45	25 12	25 39	26 6	26 33	27 0
28	23 48	24 16	24 44	25 12	25 40	26 8	26 36	27 4	27 32	28 0
29	24 39	25 8	25 37	26 6	26 35	27 4	27 33	28 2	28 31	29 0
30	25 30	26 0	26 30	27 0	27 30	28 0	28 30	29 0	29 30	30 0

The Sexagenary Table, serving for *Multiplication, Division,* and for finding the *Part proportionall.*

	51	52	53	54	55	56	57	58	59	60
31	26 21	26 52	27 23	27 54	28 25	28 56	29 27	29 58	30 29	21 0
32	27 12	27 44	28 16	28 48	29 20	29 52	30 24	30 56	31 28	32 0
33	28 3	28 36	29 9	29 42	30 15	30 48	31 21	31 54	32 27	33 0
34	28 54	29 28	30 2	30 36	31 10	31 44	32 18	32 52	33 26	34 0
35	29 45	30 20	30 55	31 30	32 5	32 40	33 15	33 50	34 25	35 0
36	30 36	31 12	31 48	32 24	33 0	33 36	34 12	34 48	35 24	36 0
37	31 27	32 4	32 41	33 18	33 55	34 32	35 9	35 46	36 23	37 0
38	32 18	32 56	33 34	34 12	34 50	35 28	36 6	36 44	37 22	38 0
39	33 9	33 48	34 27	35 6	35 45	36 24	37 3	37 42	38 21	39 0
40	34 0	34 40	35 20	36 0	36 40	37 20	38 0	38 40	39 20	40 0
41	34 51	35 32	36 13	36 54	37 35	38 16	38 57	39 38	40 19	41 0
42	35 42	36 24	37 6	37 48	38 30	39 12	39 54	40 36	41 18	42 0
43	36 33	37 16	37 59	38 42	39 25	40 8	40 51	41 34	42 17	43 0
44	37 24	38 8	38 52	39 36	40 20	41 4	41 48	42 32	43 16	44 0
45	38 15	39 0	39 45	40 30	41 15	42 0	42 45	43 30	44 15	45 0
46	39 6	39 52	40 38	41 24	42 10	42 56	43 42	44 28	45 14	46 0
47	39 57	40 44	41 31	42 18	43 5	43 52	44 39	45 26	46 13	47 0
48	40 48	41 36	42 24	43 12	44 0	44 48	45 36	46 24	47 12	48 0
49	41 39	42 28	43 17	44 6	44 55	45 44	46 33	47 22	48 11	49 0
50	42 30	43 20	44 10	45 0	45 50	46 40	47 30	48 20	49 10	50 0
51	43 21	44 12	45 3	45 54	46 45	47 36	48 27	49 18	50 9	51 0
52	44 12	45 4	45 56	46 48	47 40	48 32	49 24	50 16	51 8	52 0
53	45 3	45 56	46 49	47 42	48 35	49 28	50 21	51 14	52 7	53 0
54	45 54	46 48	47 4	48 36	49 30	50 24	51 18	52 12	53 6	54 0
55	46 45	47 40	48 35	49 30	50 25	51 20	52 15	53 10	54 5	55 0
56	47 36	48 32	49 28	50 24	51 20	52 16	53 12	54 8	55 4	56 0
57	48 27	49 24	50 21	51 18	52 15	53 12	54 9	55 6	56 3	57 0
58	49 18	50 16	51 14	52 12	53 10	54 8	55 6	56 4	57 2	58 0
59	50 9	51 8	52 7	53 6	54 5	55 4	56 3	57 2	58 1	59 0
60	51 0	52 0	53 0	54 0	55 0	56 0	57 0	58 0	59 0	60 0

Foelices animæ quibus hæc cognoscere primùm,
Inque domos superas scandere cura fuit.
Credibile est illos pariter vitiisque jocisque
Altius humanis exseruisse caput.
Non Venus, *& vinum sublimia pectora fregit,*
Officiúmque fori, militiæque labor:
Nec levis ambitio, perfusáque gloria fuco,
Magnarúmve fames sollicitavit opum,
Admovere oculis distantia sydera nostris,
Æthera que ingenio supposuere suo.
Sic petitur cœlum, non ut feràt Ossan Olympus,
Summáque Peliacus sydera tangat apex.

Ovid. *Lib.* 1. *Fast.*

AN

EPHEMERIS

OF

The Cœleſtiall Motions: for the Yeare of the Chriſtian Æra, M DC LII.

Whereto are numbred from

		YEARS
The	Creation of the World	5601
	Generall Deluge	3945
	Building of *London*	2759
	Death of *Alexander* the Great	1975
	Conſtitution of the *Julian* Year	1696
	Paſſion and death of Chriſt	1619
	Hegyra or flight of *Makomet*	1061
	Correction of the Kalender by P. *Gregorie.*	70

Being Biſſextile *or* Leap-year.

JULIAN.		GREGORIAN.
19	The Golden Number.	19
9	Cycle of the Sunne.	9
D C	Dominicall Letters.	G F
5	Roman Indiction.	5
29	Epact.	19
28	Number of Direction.	21
Februa. 15	Septuageſima.	28 *January*
March 3	*Dies Cinerum.*	14 *Februa.*
Aprill 18	Eaſter day.	31 *March*
May 23	Rogation Sunday.	5 *May*
May 27	Aſcenſion day.	9 *May*
June 6	Whitſunday.	19 *May*
Novem. 28	Advent Sunday.	1 *December*

Authore VINCENTIO WING, *Philomathematico.*

LONDON,
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Of the ECLIPSES 1652.

FOur times this year the *Luminaries* wil be *Eclipſed*, twiſe the Sun, and as often the Moon, whereof both thoſe of the Moon, and the former of the Sun, will be conſpicuous in our *Britiſh Hemiſphear*: The calculation of which three Viſible *Eclipſes* I ſhall here inſert, according to the Doctrine of HARMONICON CŒLESTE.

The firſt viſible Eclipſe is of the Moon, upon the 14 *day of* March, *at* 15^h $52'$ P. M. Thus proved.

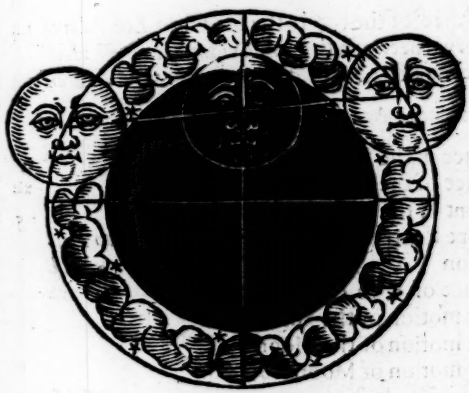
			D	H	′	″
The middle ☍ of the ☉☾ in the Merid. of *Lon*	*Marc.*	14	6	23	11
The interval between the middle and true ☍	*Add.*		9	29	9
Middle time of the true ☍	*March*	14	15	52	20
The co-æquate Anomalie of the Sun			8	27	37	35
The co-æquate Anomalie of the Moon			1	3	58	16
True place of the Sun from the earth			♈	5	15	19
True place of the Moon in her Orbite.			♎	5	15	19
Argument of the ☾ Latitude			5	24	1	11
Therefore the true Latitude of ☾	*North Def.*				31	13
Reduction	*Add.*				1	27
True place of ☾ in *Ecliptique*		♎		5	16	46
Hourely motion of the Sun					2	28
Hourely motion of the Moon					30	18
Hourely motion of Moon from Sun					27	50
The time of Reduction	*Subſ.*				3	7
The corrected time of the true ☍	*March*	14	15	49	13
Æquation of dayes	*Subſ.*				2	21
The apparent time of the true ☍	*March*	14	15	46	52
Semidiameter of ☾					15	41
Semidiameter of the ſhadow					41	58
Summe of the Semidiameters					57	39
Parts deficient					26	26
Digits eclipſed	*Dig.*			10	8	8

	D	H	′	″
Minutes of incidence			48	30
Time of incidence		1	44	33
Totall duration		3	29	6
Interval between the true ☌ & greateſt obſcuratiõ *Ad.*			5	49
Hence,				
The beginning of the Eclipſe at *London*		14	8	8
The true ☌		15	46	52
The middle or greateſt obſcuration		15	52	41
The end		17	37	14

Latitude of Moon at { Beginning 35′ 48″ / End 26 38 } *North Deſcend.*

A Type of this *ECLIPSE.*

NORTH



EAST *WEST*

SOUTH

Thoſe people that ſhall ſee the middle of this Eclipſe in their *Meridian*, are they who are removed from *London* towards the Weſt, 3^h 52′ 41″, under the Longitude of 322^d 49′ 45″: Such are they that live in the Iſlands *de Caravillo* in the *Golfe de Meroſro*, neere the Boſome of S^t. *Lawrence*, as alſo in *Nova Francia*, *Spaniola*, *Caribana*, *Paguana*, *Picora*, *Talabora*, and the adjacent places in *America*.

The

The ſecond is a viſible Eclipſe of the Sun, upon the 29 day of *March*, at 10 a clock in the forenoon, which will be very great and terrible, as we ſhall here examine by *H. C.*

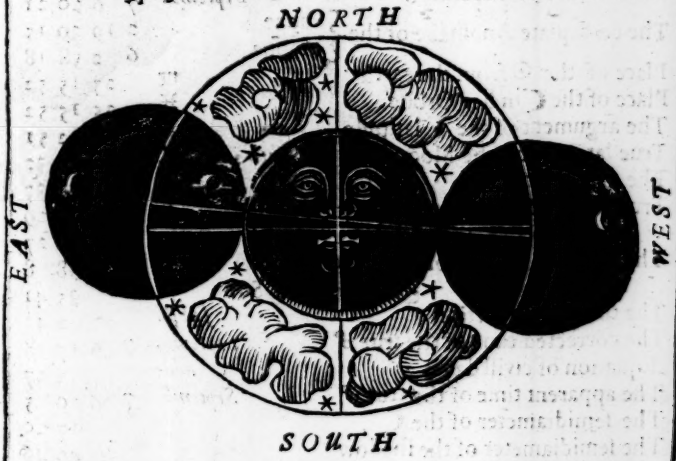
		D	H	′	″
The middle ☌ of the Luminaries at *London*	*Marc.*	29	0	45	13
The interval between the mean and true ☌	*ſubſt.*		2	49	24
Middle time of the true ☌	*March*	28	21	55	49
Æquation of dayes	*adde*			2	0
Time of the true ☌	*March*	28	21	57	49
The co-æquate Anomalie of the Sun			9	11	39	46
The co-æquate Anomalie of the Moon			7	13	16	38
True place of the Sun from the earth			♈	19	15	27
True place of the Moon in her Orbite.			♈	19	15	27
Argument of the ☾ Latitude				8	46	36
Reduction	*ſubſt.*				2	7
True place of ☾ in *Ecliptique*			♈	19	13	20
Hourely motion of the Sun					2	27
Hourely motion of the Moon					36	39
Hourely motion of Moon from ☉					34	12
The time of Reduction	*adde*				4	18
The apparent time of the true ☌	*March*	28	22		2	7
And becauſe the Sun is diſtant from the Meridian				29	28	15
And the Moon				29	10	15
Altitude of the ☉ will be				39	47	23
Altitude of the ☾				40	33	1
The Parallax of the Sun						1	47
The Parallax of the Moone						46	17
The Parallax of the Moon from Sun						44	30
Point Orient				17	54	♋
The 90d of Ecliptique				17	54	♈
Parallacticall angle				88	52	9
Parallax of ☾ from ☉ in Longitude						0	52
Parallax of ☾ from ☉ in Latitude						44	27
To 15′ of an houre before the true ☌ *viz.*				21	47	7
The altitude of the Sun				38	14	32
The altitude of the Moon				38	59	26

		D	H	′	″
The parallax of the	Sunne			1	50
	Moone			47	14
	Moone from Sunne			45	24
Point Orient			14	59	♋
The 90d of the Ecliptique			14	59	♈
Parallactical angle			86	37	53
Parallax of ☾ from ☉ in Longitude				2	40
Farallax of ☾ from ☉ in Latitude				45	19
Moiton of ☾ in 15′ of an houre				8	33
Difference of the *Parallaxis Longitudinis*				1	48
Motion of ☾ seene to 15′ of an houre				6	45
By which dividing the *Parallaxis Longitudinis* at the time of the visible ☌, giveth the interval of the true and visible ☌	*sub*			1	55
Hence the visible ☌ of the Luminaries wil be	*Mar.*	28	22	0	12
At which time the altitude of the ☉ is			39	36	0
Altitude of the ☾			40	19	44
The *Parallaxis Altitudinis*	Sun			1	48
	Moone			46	21
	Moon from Sun			44	33
Point Orient			17	32	♋
The 90d of Ecliptique			17	32	♈
Parallacticall angle			88	34	27
Parallax of ☾ from ☉ in Long. (equal to their dist.)				1	6
Parallax of ☾ from ☉ in Latitude	*South*			44	32
True Latitude of the ☾	*N A*			45	37
Therefore the Latitude of the ☾ seen	*N A*			1	5
Semidiameter of ☉				16	22
Semidiameter of ☾				16	45
Summe of the semidiameters				33	7
Part deficient				32	2
Digits Eclipsed	*Dig.*		11	44	36
Minutes of incidence				33	6
Time of incidence			1	12	5
Time of emersion			1	15	33
Totall duration			2	27	38
Interval of the visible ☌ & greatest obscuration.	*sub*				13

Hence.

Hence,	D	H	′	″
The beginning of the Eclipse		20	47	54
The greatest obscuration		21	59	59
The visible ☌		22	0	12
The end.		23	15	32

A Type of this Eclipse *as it shall be seen at* LONDON.



This Eclipse will be totall and very formidable in the more Northern parts of *England*, the oldest man living having not seen the like, and therefore (if the aire be serene and cleare) let me intreat all those that beare affection to this most noble Science, to be diligent and curious in observing the same, and to communicate their Observations; which, doubtless, may much conduce to the restauration of *ASTRONOMIE*.

The

The third is a visible Eclipse of the Moon, hapning upon the 7 day of *September*, in the evening.

		D	H	′	″
The middle ☌ of the Luminaries	*Septemb.*	7	10	47	28
Interval of the middle and true ☌	*subs.*			4 27	7
Middle time of the true ☌	*Septemb.*	7	6	20	21
The co-æquate Anomalie of the Sunne		2	19	39	15
The co-æquate Anomalie of the Moone		6	2	58	18
Place of the ☉ from the earth	♏		25	15	52
Place of the ☾ in her Orbite	♓		25	15	52
The argument of the ☾ latitude		11	23	22	51
True latitude of the Moon	*South Ascend.*			34	32
The Reduction	*Adde*			1	37
True place of ☾ in the Ecliptique	♓		25	17	29
The hourely motion of Sun				2	27
The hourely motion of Moone				38	8
The hourely motion of Moone from Sun				35	41
The time of Reduction	*subst.*			2	43
The corrected time of the true ☌	*Septemb.*	7	6	17	38
Æquation of civill dayes	*adde*			2	27
The apparent time of the true ☌	*Septemb.*	7	6	20	5
The semidiameter of the ☾				17	0
The semidiameter of the shadow				46	46
The sum of the Semidiameters				63	46
Parts deficient				29	14
The digits eclipsed	*Dig.*		10	19	3
Minutes of incidence				53	36
The time of incidence			1	30	7
Totall duration			3	0	14
Interval between the true ☌ & greatest obscur.	*adde*			5	4
Hence,					
The beginning of the Eclipse				4 55	2
The true ☌				6 20	5
The middle, or greatest obscuration				6 25	9
The end				7 55	16

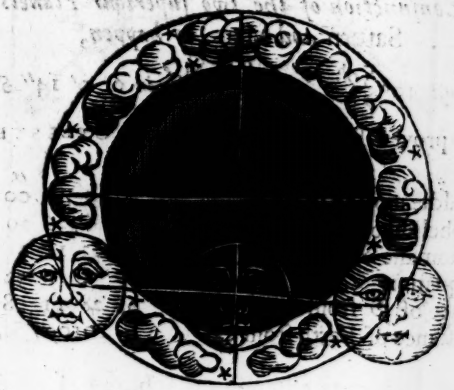
Latitude

Latitude of Moon at { Beginning 39′ 20″ / End 29 34 } *South Ascend.*

A Type of this *ECLIPSE.*

NORTH

EAST *WEST*



SOUTH

The beginning of this Eclipse cannot be seen at *London*, for the Moon riseth but a little before the middle thereof, so that the latter part will only appear to us. In *Ireland* the end will only be observable, and contrariwise, they who live in *Grecia*, *Macedonia*, *Asia*, and the parts adjacent, shall observe the whole duration: but they shall have it in their Meridian who are distant from *London* towards the East $5^h\ 24'\ 51''$, in the Longitude of the Earth $104^d\ 42'\ 45''$, under and neer which Meridian lieth *Nova Zembla*, *Parthia*, *India* within, and without the River *Ganges*, neere the *Golfe of Bengala*, *&c*,

The fourth and last Eclipse is of the Sun, upon the 22 of *September*, about 4 afternoon, but cannot be seen in *England*, in regard the South Latitude of the Moon is augmented by her Parallax, so that their aggregate exceeds the summe of the Semidiameters, yet it will be conspicuous in the Straights of *Magellanica*, and in the Southern parts of the World unknown to us: in which respect I forbeare to insert the calculation thereof.

The Calculation of
A Conjunction of the two ſuperiour Planets
Saturn *and* Mars, *to happen,*

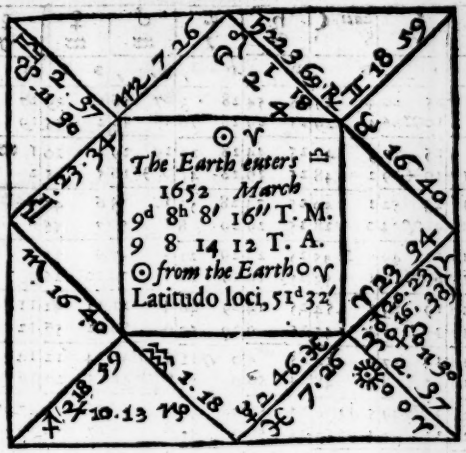
Auguſt 10^{d} $\left\{\begin{matrix}9^{h}\ 19'\ 00''\ \text{T. M.}\\ 9\ 13\ 30\ \text{T. A.}\end{matrix}\right\}$ *in* 6^{d} 0′ 14″ ♌.

Thus proved from HARMONICON COELESTE.

		ſ	D	′	″
Middle motion of ☉		4	29	48	00
Aphelion of the ☉		3	6	36	29
Anomalie of the ☉		1	23	11	31
Æquation	*ſubſtract.*		1	36	52
Place of ☉ from the Earth		♌	28	11	8
Diſtance of Earth from ☉			101097		

		♄				♂			
		ſ	D	′	″	ſ	D	′	″
Middle motion from the Æquinox		3	29	50	58	3	15	40	41
Aphelion		8	27	9	4	5	0	2	43
The mean Anomalie		7	2	41	54	10	15	37	58
Æquation	*adde*		3	45	26		6	47	50
Excentrique place from ☉		4	3	36	24	3	22	28	31
Node aſcend	*ſubſtract*	3	21	3	36	1	17	20	59
Argument of Latitude			12	32	48	2	5	7	32
Reduction	*ſubſtract*				44				42
Æcliptique place from ☉		4	3	35	40	3	22	27	49
Place of Sun from Earth		4	28	11	8	4	28	11	8
Anomalie of Commutation			24	35	28	1	5	43	19
Parallax of the Earths Orbe	*adde*		2	24	34		13	32	25
True place from the Earth		4	6	0	14	4	6	0	14
Inclination of the Orbe	*N A*			32	40		1	40	46
Latitude from the Earth	*N A*			29	38		1	5	10
Diſtance from the Sun		908061				163025			

The



The exact time of the Earths ingresse into the other three Cardinall points

Earth ♈ ☉ ♑ *June* 10d { 11h 22′ 42″ T. M. / 11 22 16 T. A.

Earth ♈ ☉ ♎ *September* 12d { 2h 15′ 27″ T. M. / 2 19 31 T. A.

Earth ♑ ☉ ♈ *December* 10d { 13h 46′ 46″ T. M. / 13 47 12 T. A.

The Diurnall Motion of the Planets.

Daies.	☉	☽	Lats. ☽	♄	♅	♂	♀	☿	☊
	♑	♍	S ☊	♓	♐	♒	♒	♑	♈
	D /	☽ /	D /	D /	D /	D /	☿ /	D /	☿ /
1	21 7	25 20	4 55	25 54	28 3	27 56	1 39	27 40	15 8
2	22 8	10♎26	4 29	25 49	28 16	28 42	2 55	29 21	15 5
3	23 9	25 27	3 45	25 44	28 29	29 29	4 10	1 ♒ 2	15 2
4 ☉	24 10	10♑19	2 48	25 39	28 41	0 ♓ 16	5 25	2 44	14 59
5	25 11	24 52	1 40	25 34	28 55	1 36	4 40	4 25	14 55
6	26 12	9 ♈ 40	0 28	25 29	29 8	1 50	7 56	6 6	14 52
7	27 14	22 49	N 45	25 24	29 21	2 37	9 11	7 47	14 48
8	28 15	6 ♉16	1 53	25 19	29 34	3 24	10 26	9 29	14 45
9	29 16	19 23	2 54	25 14	29 46	4 11	11 42	11 11	14 42
10	0 ♒ 17	2 ♊17	3 45	25 9	29 59	4 58	12 57	12 53	14 39
11 ☉	1 18	14 57	4 24	25 4	0 ♈12	5 44	14 12	14 34	14 36
12	2 19	27 28	4 48	24 59	0 25	6 31	15 27	16 15	14 33
13	3 20	9 ♋49	5 D c	24 54	0 38	7 18	16 42	17 54	14 29
14	4 21	22 24	5 57	24 50	0 51	8 4	17 58	19 32	14 26
15	5 22	4 ♌ 8	4 41	24 45	1 4	8 51	19 13	21 7	14 23
16	6 23	16 9	4 12	24 40	1 16	9 38	20 28	22 40	14 20
17	7 24	28 13	3 34	24 35	1 28	10 24	21 43	24 13	14 17
18 ☉	8 25	9 ♍51	2 44	24 31	1 40	11 11	22 58	25 41	14 14
19	9 26	21 39	1 50	24 26	1 53	11 58	24 13	27 3	14 10
20	10 27	3 ♎30	0 49	24 21	2 5	12 44	25 28	28 20	14 7
21	11 28	15 29	0 S 14	24 16	2 17	13 31	26 43	29 30	14 4
22	12 29	27 38	1 18	24 12	2 29	14 17	27 58	0 ♓34	14 1
23	13 30	10♏32	2 19	24 7	2 41	15 4	29 14	1 33	13 58
24	14 31	22 50	3 17	24 2	2 52	15 50	0 ♓29	2 28	13 55
25 ☉	15 32	6 ♐ 24	4 4	23 58	3 4	16 37	1 44	3 10	13 58
26	16 33	19 43	4 41	23 54	3 16	17 23	2 58	3 47	13 48
27	17 33	3 ♑53	5 D 1	23 49	3 27	18 9	4 13	4 13	13 45
28	18 34	18 32	5 2	23 45	3 39	18 56	5 28	4 30	13 42
29	19 35	3 ♒31	4 44	23 41	3 51	19 42	6 43	4 R 36	13 39
30	20 36	18 44	4 5	23 37	4 2	20 28	7 58	4 31	13 36
31	21 37	3 ♓48	3 ⁂	23 33	4 14	21 14	9 13	4 15	13 32

The Latitude of the Planets.

☽	N	☿	N	♀	S	♂	S	♃	S	♄
	°	°	°	°	°	°	°	°	°	°
1	0	13	0	14	1	1	1	18	2	5
6	0	13	0	14	0	58	1	23	1	56
11	0	14	0	13	0	55	1	27	1	31
16	0	14	0	13	0	51	1	29	0	54
21	0	15	0	12	0	48	1	30	0	N 13
26	0	15	0	12	0	45	1	29	1	00

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♃ Orient.	♂ Occid.	♀ Occid.	☿ Occid	The *Planets* mutuall Aspects.
1 Circumcis.		☍ 1			☌ 11	☌ 4	✶♃♂ 6 SS♃☿
2							☾ Peri. (SS♂☿
3 Enoch			✶ 5	☌ 7			
4 ☽							
5 Simeon.	✶ 1	△ 1	□ 7		✶ 22	✶ 18	☍♄☉ BRq♄♂ ☍♄☉ 8R
6 Epiphanie							☾ ☊
7 Julian.	□ 8 31	□ 4	△ 12	✶ 19			
8 Erhard.					□ 8	□ 7	
9	△ 20	✶ 11					SS ♃☉
10				□ 6	△ 22	△ 23	☌ ♀ ☿ 3
11 ☽ 1 p. Ep							
12			☍ 6	△ 19			
13 Hillarie.							
14 Felix.		☌ 6					
15	☍ 2 42						
16 Maucel.					☍ 10	☍ 16	☾ Apog.
17 Anthon.			△ 8				VC ♄ ☿
18 ☽ 2 p. Ep				☍ 3			
19		✶ 6	□ 21				VC ♄ ♀
20	△ 15						☾ ☋
21 Agneta.		□ 17					Bq ♄ ☿
22 Vincent.			✶ 10		△ 1	△ 6	Q ♃ ♂
23	□ 7 3			△ 10			
24 Timoth.		△ 2			□ 15	□ 18	✶ ♃ ☿ 19
25 ☽ 3 p Ep	✶ 18			□ 20			
26 Polycarp			☌ 23				✶ ♃ ♀ 6
27					✶ 1	✶ 1	☌ ♀ ☿ 0
28		☍ 8		✶ 1			
29 Samuel.							SS ♂ ☉
30	☌ 3 9						☾ Perig.
31 Virgilius.					☌ 9	☌ 0	✶ ♃ ☿ 1

The Diurnall Motion of the Planets.

Daies	☉	☾	Lati. ☾	♄	♅	♂	♀	☿	☊
	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	☉ 22 37	19 5	1 59	23 29	4 25	22 1	10 27	3 50	13 29
2	23 38	3 ♈ 54	0 N 43	23 25	4 36	22 47	11 42	3 13	13 26
3	24 38	18 22	0 35	23 21	4 47	23 33	12 57	2 27	13 23
4	25 39	2 ♉ 23	1 49	23 17	4 58	24 20	14 11	1 35	13 20
5	26 39	15 57	2 54	23 13	5 9	25 6	15 26	♒ 33	13 17
6	27 40	29 9	3 48	23 9	5 20	25 52	16 41	29 29	13 13
7	28 40	11 ♊ 58	4 28	23 6	5 31	26 38	17 56	28 19	13 10
8	☉ 29 41	24 31	4 55	23 2	5 42	27 24	19 11	27 8	13 7
9	♌ 41	6 ♋ 50	5 D 7	22 59	5 52	28 10	20 26	26 0	13 4
10	1 42	18 58	5 7	22 56	6 3	28 56	21 40	24 56	13 1
11	2 42	1 ♌ 0	4 52	22 53	6 13	29 42	22 55	23 53	12 57
12	3 42	12 56	4 24	22 50	6 23	♍ 28	24 10	22 56	12 54
13	4 43	24 49	3 44	22 47	6 34	1 14	25 24	22 6	12 51
14	5 43	6 ♍ 42	2 56	22 44	6 44	1 59	26 39	21 22	12 48
15	☉ 6 43	18 34	2 0	22 41	6 54	2 45	27 53	20 47	12 45
16	7 43	0 ♎ 29	0 58	22 38	7 4	3 30	29 7	20 17	12 41
17	8 44	12 29	0 S 7	22 35	7 14	4 16	♍ 21	19 56	12 38
18	9 44	24 35	1 12	22 32	7 23	5 1	1 35	19 40	12 35
19	10 44	6 ♎ 52	2 15	22 30	7 33	5 47	2 49	19 33	12 32
20	11 44	19 24	3 14	22 27	7 42	6 33	4 3	19 32	12 29
21	12 44	2 ♏ 11	4 5	22 25	7 51	7 19	5 17	19 D 38	12 26
22	☊ 13 44	15 19	4 42	22 23	8 0	8 4	6 31	19 50	12 22
23	14 44	28 51	5 6	22 21	8 9	8 50	7 46	20 7	12 19
24	15 44	12 ♐ 49	5 D 14	22 19	8 18	9 35	9 0	20 28	12 16
25	16 44	27 13	5 2	22 18	8 27	10 20	10 14	20 55	12 13
26	17 44	11 ♑ 59	4 29	22 16	8 36	11 6	11 28	21 26	12 10
27	18 44	27 12	3 38	22 14	8 45	11 52	12 42	22 2	12 6
28	19 44	12 ♒ 10	2 33	22 13	8 53	12 37	13 56	22 41	12 3
29	☉ 20 43	27 17	1 15	22 11	9 2	13 22	15 9	23 26	12 0

The Latitude of the Planets.

Daies	N A	N D	N ☿	S D	N A
1	0 16	0 11	0 42	1 25	2 55
6	0 16	0 11	0 38	1 21	3 40
11	0 17	0 10	0 35	1 15	3 D 20
16	0 17	0 10	0 31	1 7	2 25
21	0 18	0 9	0 27	0 57	1 19
26	0 18	0 9	0 23	0 47	0 14

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♃ Orient	♂ Occid.	♀ Occid	☿ Occid.	The *Planets* mutuall Aspects.
1 D 4 p. Ep		△ 8		☌ 5			VC ♄ ☉
2 Purif. Mary			□ 1				△ ♄ ♂ 19 ☽ ☊
3	✶ 12	□ 9				✶ 23	
4			△ 5		✶ 22		
5 Agatha	□ 21 5	✶ 13		✶ 18			~~☌ ☉ ☿ 20~~
6 Dorathy						□ 0	Bq ♄ ☿ Q ♃ ♀ ☌ ☉ ☿ 20
7							Bq ☉ ♄ SS ♂ ☿
8 D 5 p. Ep	△ 11		☍ 22	□ 7	□ 12	△ 5	
9 Apollon.							
10		☌ 8		△ 22	△ 6		△ ♄ ♀ 23
11							SS ♀ ☿
12 Severin						☍ 19	VC ♄ ☿
13	☍ 22 0						☾ Apog.
14 Valentine			△ 0				
15 D Septua.		✶ 8			☍ 21		✶ ♃ ☉ 5
16 Juliana			□ 13	☍ 6			☾ ☋
17		□ 20				△ 15	Td ♄ ♂
18 Concord.	△ 8						
19			✶ 1				
20		△ 6				□ 0	Td ♄ ♀
21	□ 20 54			△ 10	△ 6		□ ♃ ♂ 21
22 D Sexage.						✶ 8	
23			☌ 16	□ 19	□ 17		△ ♃ ♀ 9
24	✶ 6	☍ 16					
25 Matthias				✶ 22	✶ 22		☌ ♂ ♀ 5
26 Victor						☌ 16	
27			✶ 19				☾ Peri. VC ♄ ☿
28	☌ 12 49	△ 16					
29 D Nuinqu.			□ 20				Q ☉ ♃ ☾ ☊

The Diurnall Motion of the Planets.

Daies.	☉ ♓	☾ ♈	Lati. ☾ N	☾ ♎	♄ ♋	♃ ♍	♂ ♈	♀ ♈	☿ ♒	☊ ♈
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	21 43	12 12	0 4	22 10	9 10	14 7	16 23	24 15	11 57	
2	22 43	26 50	1 24	22 9	9 18	14 52	17 27	25 7	11 54	
3	23 42	11♉ 2	2 38	22 8	9 26	15 37	18 51	26 2	11 50	
4	24 42	24 49	3 39	22 7	9 34	16 22	20 5	26 59	11 47	
5	25 42	8♊ 9	4 26	22 6	9 41	17 7	21 18	27 59	11 44	
6	26 41	21 3	4 56	22 5	9 49	17 52	22 32	29 1	11 41	
7 ☉	27 41	3♋ 37	5 D 13	22 4	9 57	18 37	23 46	0 ♓ 5	11 38	
8	28 40	15 53	5 16	22 3	10 4	19 22	24 59	1 11	11 34	
9	29 40	27 57	5 4	22 3	10 11	20 7	26 13	2 21	11 31	
10	0 ♈ 39	9♌ 52	4 37	22 2	10 18	20 52	27 26	3 33	11 28	
11	1 38	21 41	4 00	22 D 2	10 25	21 36	28 39	4 46	11 25	
12	2 38	3♍ 31	3 12	22 2	10 31	22 21	29 53	6 1	11 22	
13	3 37	15 24	2 17	22 2	10 38	23 5	♉ 6 7	18	11 18	
14 ☉	4 36	27 20	1 15	22 2	10 44	23 50	2 19	8 37	11 15	
15	5 36	9♎ 23	0 S 9	22 2	10 50	24 34	3 31	9 57	11 12	
16	6 35	21 34	0 58	22 2	10 56	25 19	4 44	11 19	11 9	
17	7 34	3♏ 56	2 4	22 3	11 3	26 3	5 58	12 43	11 6	
18	8 33	16 27	3 4	22 3	11 8	26 47	7 11	14 8	11 3	
19	9 32	24 12	3 57	22 4	11 14	27 32	8 23	15 36	10 59	
20	10 31	12 ♐ 9	4 38	22 5	11 19	28 16	9 36	17 4	10 56	
21 ☉	11 30	25 3	5 5	22 6	11 24	29 0	10 49	18 35	10 53	
22	12 29	8♑ 52	5 17	22 7	11 29	29 44	12 2	20 6	10 50	
23	13 28	22 41	5 11	22 8	11 34	0 ♉ 28	13 15	21 40	10 47	
24	14 27	6♒ 49	4 46	22 10	11 38	1 12	14 27	23 15	10 44	
25	15 26	21 25	4 2	22 11	11 43	1 56	15 40	24 52	10 40	
26	16 24	5♓ 6	3 2	22 1:	11 48	2 40	16 52	26 30	10 27	
67	17 23	20 44	1 51	22 14	11 52	3 24	18 5	28 10	10 34	
28 ☉	18 22	5♈ 36	0 N 31	22 15	11 56	4 8	19 17	29 51	10 31	
29	19 21	20 22	0 50	22 17	12 0	4 52	20 29	1 ♈ 34	10 28	
30	20 19	4♉ 15	2 8	22 19	12 4	5 36	21 41	3 18	10 25	
31	21 18	19 10	3 15	22 20	12 7	6 20	22 53	5 3	10 21	

25. 10'

The Latitude of the Planets.

Dais	N	A	N	D	S	A	S	D	S	A
1	0	18	0	8	0	21	0	37	0	31
6	0	18	0	8	0	17	0	24	1	7
11	0	19	0	7	0	14	0	N 11	1	52
16	0	19	0	7	0	11	0	3	2	15
21	0	19	0	6	0	8	0	19	2	27
26	0	20	0	6	0	5	0	34	2	26

Old-Style.	The Lunar Aſpects. ☉	♄ Occid.	♃ Orient	♂ Occid.	♀ Occid.	☿ Orient	The *Planets* mutuall Aſpects.
1		□ 17	△ 22	☌ 4	☌ 7	✶ 21	△♄☉11 ☾☌♂
2 Shrove-tuesd							
3 Cinerum		✶ 20					
4 Adrian	✶ 0					□ 4	☿in his greatest (
5				✶ 18			(digreſſ. tró ☉
6	□ 11 39				✶ 3	△ 16	Bq ♄☿
7 ☾ Invoca.			☍ 12				
8 Cyprian		☌ 12		□ 7	□ 20		
9	△ 4						
10							Td♃♀
11				△ 0	△ 16		□♄☌14
12 Gregori			△ 14			☍ 5	☾ Apog.
13		✶ 13					
14 ☾ Remin.	☍ 15 50						☾ eſlipſed vif.
15			□ 3				✶♃☿ 17 ☾☍
16 Cyriacus.		□ 1		☍ 8			
17							
18 Gabriel		△ 11			☍ 4	△ 19	
19	△ 21		✶ 22				
20						□ 10	□☉♃22♀♄♀
21 ☾ Oculi.				△ 8			△♃♀12Td♃☌
22	□ 6 46	☍ 23	☌ 5		△ 6	✶ 22	
23				□ 14			△♄♀ 7
24	✶ 13				□ 14		♀♃☿:SS☉♀
25 Thun. Ma.				✶ 19			
26			✶ 10		✶ 19		☾ perig.
27		△ 3				☌ 13	
28 ☾ Lætar.	☌ 21 59						☾☍ Agreate-
29							clipſe of the ☉
30 Guidon.			△ 12	☌ 1	☌ 7		to be ſeen.
31		✶ 6					✶♄♀13Td♄☿

The Diurnall Motion of the Planets.

Daies	☉ ♈ D	′	☾ ♊ D	′	Lati. ☾ N A D	′	♄ ♋ D	′	♃ ♑ D	′	♂ ♉ D	′	♀ ♉ D	′	☿ ♈ D	′	☊ ♈ D	′
1	22	16	3	1	4	9	22	23	12	11	7	3	24	5	6	51	10	18
2	23	14	16	27	4	48	22	25	12	14	7	46	25	17	8	40	10	15
3	24	13	29	29	5	9	22	27	12	17	8	30	26	28	10	31	10	12
4 ☉	25	12	12♋	6	5 D	16	22	29	12	20	9	13	27	40	12	24	10	9
5	26	10	24	23	5	8	22	32	12	22	9	56	28	52	14	19	10	6
6	27	8	6♌	26	4	46	22	34	12	25	10	39	00♊	4	16	15	10	2
7	28	7	18	18	4	10	22	37	12	27	11	22	1	15	18	13	9	59
8	29	5	00♍	6	3	26	22	40	12	29	12	6	2	27	20	13	9	56
9	0♉	3	11	53	2	33	22	43	12	31	12	49	3	38	22	14	9	53
10	1	1	23	46	1	33	22	46	12	33	13	32	4	50	24	16	9	50
11 ☉	2	00	5♎	45	0 S	24	22	49	12	35	14	15	6	2	26	20	9	47
12	2	58	17	58	0	38	22	52	12	37	14	58	7	14	28	25	9	43
13	3	57	00♏	22	1	44	22	55	12	39	15	41	8	25	0♉	32	9	40
14	4	55	13	1	2	47	22	58	12	40	16	23	9	36	2	40	9	37
15	5	53	25	54	3	42	23	1	12	40	17	6	10	47	4	48	9	34
16	6	51	9♐	2	4	25	23	5	12	41	17	49	11	59	6	58	9	31
17	7	49	22	20	4	57	23	9	12	41	18	32	13	10	9	6	9	28
18 ☉	8	47	5♑	50	5 D	12	23	13	12	41	19	15	14	21	11	15	9	24
19	9	45	19	31	5	9	23	17	12	41	19	58	15	32	13	24	9	21
20	10	43	3♒	19	4	48	23	20	12	41	20	41	16	42	15	31	9	18
21	11	41	17	19	4	11	23	24	12	40	21	24	17	53	17	37	9	15
22	12	39	1♓	28	3	19	23	28	12	40	22	7	19	3	19	43	9	12
23	13	37	15	44	2	13	23	32	12	39	22	49	20	13	21	49	9	9
24	14	35	00♈	7	1 N	9	23	36	12	38	23	32	21	23	23	54	9	5
25 ☉	15	33	14	33	0	19	23	41	12	37	24	13	22	33	25	57	9	2
26	16	30	28	56	1	36	23	45	12	36	24	55	23	43	27	56	8	59
27	17	28	13♉	13	2	47	23	49	12	34	25	38	24	53	29	54	8	56
28	18	26	27	16	3	46	23	54	12	33	26	20	26	3	1♊	51	8	53
29	19	24	11♊	2	4	30	23	59	12	31	27	2	27	12	3	48	8	50
30	20	22	24	27	4	56	24	4	12	29	27	44	28	22	5	43	8	46

The Latitude of the Planets.

Daies	N	A	N	D	S	D	N	A	S	D
1	0	20	0	6	0	1	0	51	2	10
6	0	20	0	6	0 N	2	1	5	1	41
11	0	21	0	5	0	5	1	19	1	00
16	0	21	0	5	0	9	1	33	0 N	10
21	0	21	0	4	0	12	1	45	0	39
26	0	22	0	4	0	16	1	55	1	25

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♅ Orient	♂ Occid.	♀ Occid	☿ Orient.	The *Planets* mutuall Aspects.
1						✶ 8	SS ♂☿. □♄☉3
2 Mar. Æg.	✶ 13						
3				✶ 18			□♅☿ 23
4 ☾ Judica		♂ 20	☌ 00			□ 00	
5 Vincen.	□3 58				✶ 10		☾♄♂
6				□ 9			
7	△ 23				□ 5	△ 00	△♅♂ 13
8							
9 Albinus		✶ 22	△ 1	△ 2			☾Apo.□♄☿6
10							(☿d ♅☉
11 ☾ Palm.		□ 10	□ 13		△ 1		☾☋
12							
13 Justinus	♂7 22	△ 18	✶ 23	♂ 7		☌ 00	☿d ♅☿
14							
15							♂☉☿ 22
16 Carisius					☌ 6	Occid.	♅stat in Vc ♀
17							☾♄☿
18 ☾ Pascha	△ 5	♂ 12				△ 13	♅Ret.in△☿16
19		☌ 6		△ 1			
20	□1342						☾♄☉
21				□ 7	△ 1	☌ 00	SS ♀☿
22	✶ 20		✶ 19				△♅☉00
23 Georg.		△ 13		✶ 13	□ 8	✶ 12	☾ .✶♄☿20
24			□ 21				✶♄♂3 (♂☌☿
25 ☾ Qausim.		□ 15			✶ 15		(17
26			△ 23				SS ♄ ♀
27	♂7 46	✶ 19		♂ 22			
28 Vitalis						♂ 9	SS ♂ ♀
29							
30					♂ 8		☾q ♅☿

The Diurnall Motion of the Planets.

Daies	☉ ♉	☾ ♋	Lati. ☽ N	♄ ♓	♅ ♈	♂ ♉	♀ ♊	☿ ♊	♃ ♈
	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	21 20	7 29	5 8	24 9	12 27	28 26	29 31	7 35	8 43
2 ☉	22 17	20 8	5 4	24 14	12 25	29 8	0♋41	9 24	8 40
3	23 15	2♌27	4 45	24 19	12 22	29 50	1 50	11 10	8 37
4	24 13	14 36	4 14	24 24	12 20	0♊32	2 59	12 52	8 34
5	25 10	26 22	3 33	24 29	12 17	1 14	4 8	14 30	8 31
6	26 8	8♍ 8	2 43	24 35	12 14	1 56	5 17	16 6	8 27
7	27 6	19 56	1 47	24 40	12 11	2 38	6 26	17 39	8 24
8	28 3	1♎47	0 48	24 45	12 7	3 20	7 35	19 8	8 21
9 ☉	29 1	13 50	0☊19	24 50	12 3	4 2	8 44	20 32	8 18
10	29 58	26 3	1 25	24 56	11 59	4 44	9 53	21 51	8 15
11	0♊55	8♎43	2 27	25 1	11 56	5 25	11 2	23 9	8 12
12	1 53	21 38	3 22	25 7	11 51	6 7	12 11	24 23	8 8
13	2 50	4♏51	4 10	25 13	11 47	6 49	13 19	25 35	8 5
14	3 48	18 23	4 43	25 18	11 42	7 30	14 27	26 43	8 2
15	4 45	2♐ 9	5 11	25 24	11 37	8 12	15 35	27 48	7 59
16 ☉	5 42	16 8	5☊D 2	25 30	11 32	8 53	16 43	28 49	7 56
17	6 40	0♑ 6	4 45	25 36	11 27	9 34	17 51	29 45	7 53
18	7 37	14 10	4 10	25 42	11 23	10 15	18 59	0♋37	7 49
19	8 34	28 14	3 20	25 48	11 18	10 56	20 6	1 23	7 46
20	9 32	12♑17	2 18	25 54	11 13	11 37	21 13	2 6	7 43
21	10 29	26 18	1 8	26 0	11 8	12 17	22 20	2 44	7 40
22	11 26	10♒19	0☊N 6	26 6	11 3	12 58	23 27	3 19	7 37
23 ☉	12 23	24 18	1 17	26 12	10 56	13 39	24 33	3 49	7 34
24	13 21	8♓	2 27	26 18	10 50	14 20	25 40	4 16	7 30
25	14 18	22 7	3 27	26 25	10 44	15 1	26 47	4 37	7 27
26	15 15	5♈50	4 13	26 31	10 38	15 42	27 53	4 53	7 24
27	16 12	19 19	4 44	26 37	10 31	16 23	28 59	5 3	7 21
28	17 10	2♉33	4 59	26 44	10 25	17 4	0♌ 4	5 10	7 18
29	18 7	15 28	4☊D58	26 51	10 19	17 45	1 9	5R14	7 15
30 ☉	19 4	20 4	4 42	26 58	10 13	18 26	2 13	5 11	7 11
31	20 1	10♌22	4 13	27 4	10 7	19 7	3 19	5 6	7 8

The Latitude of the Planets.

Daies	N	A	N	D	N	A	N	A	N	A
1	0	22	0	3	0	19	2	4	2	0
6	0	22	0	2	0	22	2	D 11	2	18
11	0	23	0	1	0	24	2	16	2	10
16	0	23	0	1	0	27	2	18	1	41
21	0	24	0	☌	0	3	2	18	0	S 54
26	0	24	0	1	0	33	2	15	0	13

Old-Style.	The Lunar Aſpects. ☉	♄ Occid.	♃ Orient	♂ Occid	♀ Occid	☿ Occid.	The *Planets* mutuall Aſpects.
1 Phil. & Jac.			☌ 10			✶ 21	
2 ☾ Miſer. Dō	✶ 4	♂ 8		✶ 19			
3 Invent. C.							♀ ☌ ♃
4 Florian	□ 21 21						✶ ♄ ☉ 5
5				□ 10	✶ 18		
6			△ 8			□ 19	☾ Apog.
7 Juvenal.	△ 16	✶ 9					
8			□ 20	△ 3	□ 13		☾ ☌ ♉
9 ☾ Jubilate		□ 22				△ 15	
10							
11 Chriſtian.							☿ q ♃ ☌ ♂ ♃ ☿
12	☌ ☉ 20 4	△ 6	✶ 6		△ 5		18 ☍ ♄ ☿
13				☌ 4			
14						☌ 16	
15			☌ 16				☿ q ♃ ☉
16 ☾ Cantate		☌ 17			☌ 1		☿ in Digr. max.
17 Jodocus	△ 12			△ 17			
18							
19	□ 18 58		✶ 22	□ 23	△ 17	△ 6	VC ♃ ☌
20							☾ Perig.
21 Prudent.		△ 0				□ 12	VC ♃ ☉ ☊
22	✶ 2		□ 2	✶ 5			
23 ☾ Rogate		□ 4			□ 0	✶ 17	
24			△ 5				☌ ♄ ☿ 15
25 Urbanus		✶ 8			✶ 9		
26	☌ 18 1			☌ 19			
27 Aſcen. Dō						☌ 5	☌ ☌ ☉ 16
28			☌ 15				
29		☌ 22			☌ 10		
30 ☾ Exaudi.							
31 Petronel.	✶ 0			✶ 18			

The Diurnall Motion of the Planets.

Dates.	☉ ♊	☾ ♌	Lati. ☾ N	☾ ☌	♄ ♑	♃ ♍	♂ ♊	♀ ♌	☿ ♑	☊ ♍
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	20 58	22 24	3 34	27 11	10 00	19 47	4 25	4 56	7 5	
2	21 55	4♍16	2 47	27 18	9 54	20 28	5 30	4 41	7 2	
3	22 52	16 2	1 51	27 25	9 47	21 9	6 35	4 23	6 59	
4	23 50	27 48	0 52	27 32	9 39	21 49	7 40	4 1	6 56	
5	24 47	9♎40	0 S 10	27 39	9 32	22 30	8 44	3 38	6 54	
6 ☉	25 44	21 42	1 13	27 46	9 25	23 10	9 48	3 12	6 51	
7	26 41	4♏ 2	2 13	27 53	9 18	23 50	10 52	2 43	6 48	
8	27 38	16 43	3 10	28 00	9 10	24 31	11 56	2 11	6 45	
9	28 35	29 47	3 57	28 7	9 3	25 11	12 59	1 37	6 42	
10	29 32	13♐16	4 33	28 14	8 56	25 51	14 2	1 00	6 39	
11	0♋29	27 7	4 54	28 22	8 48	26 31	15 5	0♊22	6 36	
12	1 26	11♑17	4D 58	28 29	8 41	27 11	6 8	29 47	6 32	
13 ☉	2 23	25 39	4 42	28 36	8 34	27 51	17 10	29 14	6 29	
14	3 21	10♒ 8	4 8	28 44	8 26	28 31	18 12	28 43	6 26	
15	4 18	24 35	3 20	28 51	8 19	29 11	19 14	28 13	6 23	
16	5 15	8♓54	2 18	28 58	8 11	29 51	20 15	27 45	6 20	
17	6 12	23 5	1 9	29 5	8 4	0♋31	21 17	27 19	6 17	
18	7 9	7♈ 7	0N 4	29 12	7 56	1 11	22 18	26 56	6 13	
19	8 6	20 58	1 15	29 20	7 47	1 51	23 18	26 36	6 10	
20 ☉	9 3	4♉41	2 23	29 27	7 39	2 31	24 18	26 20	6 7	
21	10 00	18 15	3 21	29 34	7 31	3 11	25 18	26 9	6 4	
22	10 57	1♊42	4 8	29 42	7 24	3 51	26 17	26Di. 5	6 1	
23	11 54	14 59	4 39	29 49	7 16	4 31	27 16	26 10	5 58	
24	12 51	28 8	4 56	29 57	7 9	5 11	28 14	26 20	5 54	
25	13 48	11♋ 3	4D 58	0♌ 5	7 2	5 51	29 12	26 34	5 51	
26	14 45	23 46	4 44	00 13	6 54	6 31	0♍10	26 53	5 48	
27 ☉	15 42	6♌12	4 17	00 20	6 47	7 11	1 8	27 16	5 45	
28	16 39	18 25	3 36	00 28	6 39	7 50	2 5	27 42	5 42	
29	17 37	0♍26	2 49	00 35	6 32	8 30	3 3	28 10	5 38	
30	18 34	12 17	1 54	00 43	6 24	9 10	4 0	28 46	5 34	

The Latitude of the Planets.

Dates	N	A	S	A	N	A	N	D	S	A
1	0	24	0	1	0	36	2	7	1	48
6	0	24	0	2	0	38	1	59	3	8
11	0	25	0	3	0	41	1	46	4	10
16	0	25	0	3	0	43	1	30	4	D 43
21	0	26	0	4	0	46	1	10	4	33
26	0	26	0	4	0	48	0	47	3	54

Old-Style.	The Lunar Aſpects. ☉	♄ Occid.	♃ Orient	♂ Orient	♀ Occid.	☿ Occid.	The *Planets* mutuall Aſpects.
1 Nicodem.							☌♀☿
2			△ 11			✶ 1	☾ Apog.
3 Eraſmus	□15 12	✶ 23		□ 11			
4					✶ 22	□ 12	☾☌♃
5			□ 01				♀c ♃♀
6 ☾Pentecoſt	△ 8	□ 12		△ 3		△ 21	
7			✶ 10		□ 14		
8 Medard		△ 21					☌♄☉
9							
10				☍ 23	△ 2		☌♃♀. ♂☉☿
11	☍6 6		♂ 20			☍ 5	(22
12							
13 ☾Trinity		☍ 5					☌♄☿
14 Valerius					☍ 15		☌♄☉. ♂☌☿ 4
15 Vitus	△ 17		✶ 23	△ 8		△ 6	☾perig.
16							
17		△ 10		□ 13		□ 7	☾☊
18	□o 4						☍♃☉ 17
19 Gervaſ.		□ 15		✶ 20	△ 5	✶ 9	
20 ☾1 p. Tri.	✶ 8		△ 6				
21		✶ 20			□ 14		✶♀☿ 19
22							
23						♂ 20	
24 Joh Bapt.			☍ 16	♂ 14	✶ 00		
25	♂5 36						☌♄♀ ☍♃♂ 12
26		♂ 13					
27 ☾2 p. Tri.							♀ in her greateſt
28						✶ 20	Digreſſiõ frõ ☉
29 Pet. Paul			△ 12	✶ 17	♂ 6		☾ Apog.
30	✶ 15						

The Diurnall Motion of the Planets.

Daies.	☉		☾		Lati. ☾		♄		♃		♂		♀		☿		☊	
	D	′	D	′	N D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	19	31	24 ♏	3	0	55	0	50	6	17	9	49	4	56	29	28	5	29
2	20	28	5 ♎	49	0 S	6	0	58	6	10	10	29	5	51	0 ♋	16	5	26
3	21	25	17	40	1	8	1	6	6	3	11	8	6	46	1	10	5	23
4 ☉	22	23	29	42	2	8	1	14	5	56	11	48	7	40	2	9	5	20
5	23	19	12 ♐	0	3	4	1	21	5	49	12	27	8	34	3	11	5	16
6	24	16	24	41	3	53	1	29	5	41	13	7	9	27	4	19	5	13
7	25	14	7 ♑	47	4	29	1	36	5	34	13	46	10	19	5	31	5	10
8	26	11	21	20	4	53	1	44	5	28	14	26	11	11	6	48	5	7
9	27	9	5 ♒	21	5 D	1	1	52	5	22	15	5	12	2	8	10	5	4
10	28	6	19	44	4	51	2	0	5	15	15	44	12	53	9	36	5	1
11 ☉	29	3	4 ♓	27	4	20	2	7	5	9	16	23	13	42	11	7	4	57
12	0 ♌	0	19	17	3	31	2	15	5	3	17	2	14	31	12	42	4	54
13	0	58	4 ♈	10	2	29	2	23	4	57	17	41	15	20	14	21	4	51
14	1	55	18	53	1	17	2	31	4	51	18	20	16	8	16	3	4	48
15	2	52	3 ♉	24	0 N	0	2	38	4	45	18	59	16	55	17	49	4	45
16	3	49	17	37	1	15	2	46	4	38	19	38	17	41	19	38	4	42
17	4	47	1 ♊	33	2	24	2	54	4	33	20	17	18	26	21	28	4	38
18 ☉	5	44	15	12	3	24	3	2	4	27	20	57	19	11	23	22	4	35
19	6	42	28	35	4	11	3	10	4	22	21	35	19	55	25	18	4	32
20	7	39	11 ♋	45	4	44	3	17	4	17	22	14	20	38	27	16	4	29
21	8	36	24	42	5 D	1	3	25	4	12	22	53	21	20	29	15	4	26
22	9	33	7 ♌	28	5	4	3	32	4	7	23	32	22	1	1 ♌	16	4	23
23	10	31	20	5	4	52	3	40	4	2	24	11	22	40	3	19	4	19
24	11	29	2 ♌	28	4	25	3	48	3	57	24	50	23	18	5	22	4	16
25 ☉	12	26	14	44	3	46	3	56	3	53	25	29	23	55	7	25	4	13
26	13	24	26	48	2	58	4	4	3	48	26	7	24	31	9	29	4	10
27	14	21	8 ♍	45	2	3	4	12	3	44	26	46	25	6	11	13	4	7
28	15	18	20	35	1 S	3	4	19	3	41	27	24	25	41	13	37	4	4
29	16	16	2 ♎	22	0	4	3	27	3	36	28	3	26	14	15	42	4	0
30	17	13	14	10	1	4	4	34	3	32	28	41	26	46	17	45	3	57
31	18	11	26	1	2	4	4	42	3	29	29	20	27	15	19	48	3	54

The Latitude of the Planets.

Daies	☿ N	☿ A	♀ S	♀ A	♂ N	♂ A	♃ N	♃ A	♄ N	♄ D	☾ S	☾ D
1	0	27	0	5	0	50	0 S	20	2	57		
6	0	27	0	6	0	52	0	10	2	2		
11	0	28	0	7	0	54	0	45	0	33		
16	0	28	0	7	0	56	1	25	0 N	25		
21	0	28	0	8	0	58	2	9	1	6		
26	0	29	0	8	1	0	2	56	1	34		

Old-Style.	The Lunar Aspects.						The *Planets* mutuall Aspects.
	☉	♄ Occid.	♃ Occid.	♂ Orient.	♀ Occid	☿ Orient.	
1 2 Visit. M.		✶ 14	□ 00	□ 10		□ 11	☾☋ SS♄☿.△♃♀7
3 4 ☾ 3. p. Trin.	□8 8	□ 3	✶ 12		✶ 18	△ 5	☿in Elong. max
5 6 Hector	△ 23	△ 13		△ 1			
7 8					□ 5		☍♃☿1.
9 Cyrillus 10	☍1436	☍ 20	☌ 00	☍ 17	△ 12	☍ 5	
11 ☾ 4 p. Trin. 12							
13 Margar. 14	△ 23	△ 23	✶ 2	△ 23	☍ 19	△ 19	☾perig(✶♀☿2 ☌☊♄17 Td♃♀
15 16			□ 2	□ 4		□ 4	☾☊ Vc♃☉ ☌♂☿0
17 Alexius 18 ☾ 5. p. Trin.	□6 6	□ 2	△ 5	✶ 11	△ 7	✶ 17	
19 20 Elias	✶ 16	✶ 8			□ 17		
21 22 Mar. Mag.			☍ 18				Bq ♃☉
23 Apollin. 24	☌19 5	☌ 2		☌ 8	✶ 5	☌ 6	☌♄☿15. Vc♃☿ ✶♂♀ferè Vc♄
25 ☾ 6 p. Trin. 26 Anna			△ 14				(♃
27 Martha. 28				✶ 14	☌ 11		☾ Apog.
29 30	✶ 7	✶ 4	□ 2			✶ 9	☌☉☿ 12 ☾☋
31 Cerman.		□ 17	✶ 15	□ 7			

The Diurnall Motion of the Planets.

Daies.	☉ ♌ D	′	☾ ♏ D	′	Lati. ☾ S A D	′	♄ ♌ D	′	♃ ♑ D	′	♂ ♋ D	′	♀ ♍ D	′	☿ ♌ D	′	☊ ♈ D	′
1 ☉	19	9	8	4	3	0	4	50	3	25	29	58	27	44	21	49	3	51
2	20	6	20	22	3	50	4	58	3	22	0 ♌	37	28	10	23	50	3	48
3	21	4	2 ♐	59	4	31	5	5	3	19	1	15	28	35	25	48	3	45
4	22	1	16	2	4	57	5	13	3	17	1	54	28	59	27	46	3	41
5	22	59	29	31	5	9	5	21	3	14	2	32	29	20	29	42	3	38
6	23	57	13 ♑	31	5 D	4	5	29	3	12	3	11	29	40	1 ♍	36	3	35
7	24	55	27	56	4	39	5	36	3	9	3	49	29	57	3	29	3	32
8 ☉	25	53	12 ♒	45	3	54	5	43	3	7	4	28	0 ♎	13	5	20	3	29
9	26	50	27	47	2	55	5	51	3	5	5	6	0	27	7	10	3	26
10	27	48	12 ♓	55	1	41	5	58	3	3	5	45	0	39	8	58	3	22
11	28	46	27	58	0 N	22	6	5	3	2	6	23	0	49	10	45	3	19
12	29	44	12 ♈	49	0	59	6	13	3	1	7	2	0	57	12	30	3	16
13	0 ♍	42	27	21	2	15	6	20	3	0	7	40	1	4	14	13	3	13
14	1	40	11 ♉	31	3	20	6	27	2	59	8	18	1	8	15	56	3	10
15 ☉	2	38	25	17	4	12	6	35	2	58	8	56	1	9	17	37	3	7
16	3	36	8 ♊	41	4	48	6	42	2	57	9	35	1 R	8	19	17	3	3
17	4	34	21	46	5 D	8	6	49	2	56	10	13	1	5	20	56	3	0
18	5	32	4 ♋	32	5	14	6	56	2	56	10	51	0	59	22	33	2	57
19	6	30	17	3	5	3	7	3	2	56	11	30	0	52	24	9	2	54
20	7	28	29	24	4	38	7	10	2 Di	56	12	8	0	41	25	44	2	51
21	8	26	11 ♌	34	4	1	7	17	2	56	12	46	0	28	27	18	2	48
22 ☉	9	24	23	36	3	14	7	24	2	56	13	24	0 ♍	13	38	50	2	44
23	10	23	5 ♍	31	2	18	7	31	2	57	14	2	29	56	0 ♎	22	2	41
24	11	21	17	23	1	18	7	37	2	58	14	40	29	35	1	53	2	38
25	12	19	29	11	0 S	13	7	44	2	59	15	18	29	12	3	21	2	35
26	13	17	11 ♎	1	0	52	7	51	3	1	15	55	28	49	4	48	2	32
27	14	16	22	54	1	55	7	58	3	2	16	33	28	24	6	15	2	29
28	15	15	4 ♏	51	2	53	8	5	3	4	17	11	27	57	7	40	2	25
29 ☉	16	13	16	58	3	45	8	11	3	6	17	49	27	29	9	4	2	22
30	17	11	29	18	4	27	8	18	3	8	18	26	26	58	10	27	2	19
31	18	10	11 ♐	56	4	57	8	24	3	10	19	4	26	24	11	49	2	16

The Latitude of the Planets.

Daies	N	A	S	A	N	A	S	A	N	D
1	0	29	0	9	1	2	3	56	1	45
6	0	29	0	10	1	4	4	50	1	31
11	0	30	0	10	1	5	5	49	1	8
16	0	30	0	11	1	7	6	40	0	37
21	0	31	0	11	1	8	7	28	0 S	0
26	0	31	0	12	1	10	8	12	0	38

Old-Style.	The Lunar Aſpects. ☉	♄ Orient	♃ Occid.	♂ Orient.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aſpects.
1 ☾ 7. p. Trin.	□2326			△ 20	✶ 16	□ 8	
2							
3		△ 4					
4 Ariſtarchus	△ 11						☌☿
5 Oſwald.			☌ 6		□ 0	△ 0	
6 Sixtus							☍♃☌△♃☿20
7		☌ 13		☌ 10	△ 4		☌☌♂☿
8 ☾ 8. p. Trin.	☌2221						☌☌♄☿
9			✶ 8			☌ 17	
10 Laurent.							☌♄☌☽peri.
11		△ 12	□ 8	△ 14	☌ 5		☽☊
12 Clara							
13	△ 6	□ 15	△ 10	□ 19			Td ♃☿
14						△ 8	☽Rec.in☌☌☉
15 ☾ 9.p.Trin.	□1410	✶ 21			△ 10		△♃☉8Bq♃☌
16 Rochus				✶ 2		□ 22	
17			☌ 21		□ 17		
18 Helena	✶ 2						
19 Sebaldus						✶ 16	☌☌♄☉
20		☌ 15			✶ 2		
21				☌ 2			
22 ☾ 10 p. Tri.			△ 19				☌☿☿ 18
23 Zachæus	☌1041						
24 Barthol.							☽Ap.□♃☿18
25		✶ 17	□ 8		☌ 0	☌ 10	☽☋
26				✶ 10			
27 Gebber			✶ 20				Td ♃☉
28	✶ 22	□ 6					✶♄☿ 8
29 ☾ 11 p. Tri.				□ 2	✶ 20		
30		△ 16					
31 Paulinus	□1229			△ 14		✶ 0	

The Diurnall Motion of the Planets.

Daies.	☉ ♍ D	′	☾ ♐ D	′	Lati. ☽ S A D	′	♄ ♌ D	′	♃ ♑ D	′	♂ ♌ D	′	♀ ♍ D	′	☿ ♎ D	′	☊ ♈ D	′
1	19	8	24	54	5 D	14	8	30	3	12	19	41	25	49	13	8	2	13
2	20	7	8♑	16	5	15	8	37	3	15	20	19	25	13	14	26	2	9
3	21	5	22	6	4	58	8	43	3	18	20	57	24	37	15	43	2	6
4	22	4	6♒	23	4	23	8	50	3	21	21	35	23	59	16	58	2	3
5 ☉	23	2	21	3	3	26	8	56	3	24	22	13	23	21	18	13	1	59
6	24	1	6♓	2	2	17	9	2	3	28	22	50	22	45	19	25	1	56
7	25	00	21	12	0 N	58	9	9	3	31	23	28	22	10	20	35	1	53
8	25	59	6♈	23	0	25	9	15	3	35	24	5	21	34	21	45	1	50
9	26	57	21	24	1	47	9	21	3	39	24	43	20	59	22	53	1	47
10	27	56	6♉	12	3	00	9	27	3	43	25	20	20	24	23	59	1	44
11	28	55	20	37	4	00	9	33	3	47	25	58	19	50	25	3	1	40
12 ☉	29	54	4♊	31	4	42	9	39	3	52	26	35	19	17	26	4	1	37
13	0♎	53	18	10	5	9	9	45	3	56	27	13	18	45	27	2	1	34
14	1	52	1♋	16	5 D	17	9	51	4	1	27	50	18	16	27	57	1	31
15	2	51	14	00	5	11	9	57	4	6	28	28	17	48	28	49	1	28
16	3	50	26	27	4	47	10	2	4	11	29	5	17	22	29	38	1	25
17	4	49	8♌	38	4	13	10	8	4	16	29	43	16	59	0♏	23	1	21
18	5	48	20	38	3	28	10	14	4	21	00♏	20	16	38	1	4	1	18
19 ☉	6	47	2♍	30	2	35	10	19	4	27	0	57	16	19	1	40	1	15
20	7	47	14	19	1	35	10	24	4	33	1	35	16	2	2	12	1	12
21	8	46	26	8	0 S	31	10	29	4	39	2	12	15	47	2	39	1	9
22	9	45	7♎	59	0	34	10	34	4	45	2	49	15	35	3	1	1	6
23	10	44	19	51	1	39	10	39	4	51	3	26	15	25	3	17	1	2
24	11	44	1♏	52	2	39	10	44	4	57	4	3	15	19	3	27	0	59
25	12	43	14	2	3	33	10	49	5	3	4	40	15	13	3 R	30	0	56
26 ☉	13	43	26	20	4	19	10	54	5	11	5	17	15 D	11	3	24	0	53
27	14	42	8♐	51	4	51	10	59	5	17	5	54	15	11	3	8	0	50
28	15	42	21	33	5	11	11	4	5	24	6	31	15	14	2	46	0	47
29	16	41	4♑	33	5 D	16	11	9	5	31	7	8	15	20	2	16	0	43
30	17	41	17	48	5	4	11	14	5	38	7	45	15	27	1	37	0	40

The Latitude of the Planets.

Daies	N	A	S	A	N	A	S	A	S	A
1	0	32	0	12	1	13	8 D	38	1	28
6	0	32	0	12	1	15	8	38	2	6
11	0	33	0	13	1	16	8	14	2	40
16	0	34	0	13	1	17	7	24	3	8
21	0	35	0	14	1	18	6	27	3 D	15
26	0	36	0	14	1	19	5	21	3	21

Old-Style.	The Lunar Aspects.						The *Planets* mutuall Aspects.
	☉	♄ Orient	♃ Occid.	♂ Orient	♀ Occid.	☿ Occid.	
1 Ægidius 2 Veronicus	△ 22		☌ 15		□ 2	□ 12	SS ♂ ☉
3 4		☍ 4			△ 4	△ 19	
5 ☾ 12. p. Tri. 6 Magnus			✶ 20	☍ 2	Orient.		SS ♂ ♀. ☌ ☉ ♀ 5 (Q ♄ ♀. Q ♃ ☿
7 Regin. 8 Nat. Mar.	☍ 6 20	△ 5	□ 20		☍ 2		☾ per. ☾ Eclips. (SS ♀ ☿
9 Gorgon 10		□ 5	△ 20	△ 5	△ 23	☍ 3	
11 12 ☾ 13. p. Tri.	△ 15	✶ 9		□ 10			♀ in greatest E-longation frō ☉
13 14 Exalt. Cr.	□ 1 14		☍ 5	✶ 17	□ 1	△ 18	✶ ♂ ♀ 15
15 Nicod. 16 Euphem	✶ 9				✶ 7	□ 7	□ ♃ ☉ 10
17 Lampert 18		☌ 3		☌ 21		✶ 22	Td ♃ ♀
19 ☾ 14 p. Tri. 20 Fausta			△ 4		☌ 3		
21 Matthew 22 Maurit.	☌ 3 53	✶ 5	□ 17				☾ Apog. ☾ ☋ ✶ ♄ ☉ 22 ecl. pl.
23 Esdra 24		□ 18	✶ 6	✶ 4		☌ 3	☉ inconspicua.
25 Cleoph. 26 ☾ 15 p. Tri.				□ 18	✶ 2		△ ♃ ♂ 19
27 28	✶ 12	△ 4			□ 12	✶ 20	♀ Dir. in S. ☉
29 Michael. 30 Hierom	□ 23 49		☌ 2	△ 5	△ 20	□ 23	

The Diurnall Motion of the Planets.

Daies.	☉ ♎	☾ ♒	Lati. ☾ S	D	♄ ♑	♃ ♍	♂ ♐	♀ ♍	☿ ♍	☊ ♈
	D ′	D ′	D ′		D ′	D ′	D ′	D ′	D ′	☽ ′
1	18 40	1 29	4	33	11 19	5 46	8 23	15 36	0 50	0 37
2	19 40	15 30	3	48	11 23	5 54	9 0	15 46	29♎54	0 34
3 ☉	20 40	29 54	2	47	11 27	6 1	9 37	16 0	28 51	0 31
4	21 39	14♓37	1	33	11 31	6 9	10 14	16 16	27 42	0 27
5	22 39	29 33	0	N13	11 35	6 18	10 51	16 34	26 30	0 24
6	23 39	14♈35	1	9	11 39	6 26	11 28	16 53	25 14	0 21
7	24 38	29 36	2	27	11 43	6 34	12 5	17 14	23 58	0 18
8	25 38	14♉26	3	33	11 47	6 42	12 42	17 38	22 41	0 14
9	26 38	28 58	4	22	11 51	6 51	13 18	18 4	21 30	0 11
10 ☉	27 38	13♊8	4	56	11 54	6 59	13 55	18 31	20 30	0 8
11	28 38	26 49	5	12	11 58	7 8	14 31	18 59	19 38	0 5
12	29 38	10♋3	5	D 9	12 1	7 17	15 8	19 29	18 56	0 2
13	0♍38	22 51	4	52	12 5	7 26	15 44	20 0	18 25	29♓59
14	1 38	5♌17	4	20	12 8	7 35	16 21	20 32	18 5	29 55
15	2 38	17 24	3	37	12 11	7 44	16 57	21 4	17 54	29 52
16	3 38	29 21	2	46	12 14	7 53	17 34	21 47	17 52	29 49
17 ☉	4 38	11♍9	1	49	12 17	8 3	18 10	22 22	17 58	29 46
18	5 39	22 55	0	45	12 20	8 13	18 47	22 58	18 19	29 43
19	6 39	4♎42	0	S 17	12 23	8 23	19 24	23 37	18 48	29 40
20	7 39	16 35	1	21	12 25	8 33	20 0	24 19	19 26	29 36
21	8 39	28 35	2	22	12 28	8 43	20 37	25 1	20 12	29 33
22	9 40	10♏59	3	17	12 31	8 53	21 13	25 44	21 5	29 30
23	10 40	23 13	4	4	12 33	9 3	21 49	26 29	22 5	29 27
24 ☉	11 40	5♐48	4	39	12 35	9 13	22 25	27 15	23 10	29 24
25	12 41	18 37	5	0	12 37	9 24	23 1	28 2	24 22	29 21
26	13 41	1♑36	5	8	12 39	9 34	23 37	28 50	25 37	29 18
27	14 42	14 47	5	D 0	12 41	9 45	24 13	29 38	26 54	29 15
28	15 42	28 9	4	32	12 43	9 56	24 49	0♎27	28 13	29 11
29	16 43	11♒46	3	52	12 45	10 7	25 25	1 17	29 36	29 8
30	17 43	15 32	2	57	12 47	10 18	26 1	2 8	1♍2	29 5
31 ☉	18 44	9♓42	1	51	12 48	10 29	26 37	3 0	2 32	29 2

The Latitude of the Planets.

Dai's	N	A	S	A	N	A	☽	D	S	D
1	0	36	0	15	1	21	4	16	2	44
6	0	37	0	15	1	22	3	15	1	20
11	0	38	0	16	1	23	2	16	0	N 24
16	0	38	0	16	1	24	1	25	1	32
21	0	39	0	17	1	25	0	43	2	D 9
26	0	40	0	17	1	26	0	N 6	2	11

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♃ Occid.	♂ Occid.	♀ Orient.	☿ Occid.	The Planets mutuall Aspects.
1 Remigi.		☍ 17					
2	△ 7					△ 22	
3 ☾ 16. p. Tri.			✶ 10	☍ 17			
4 Francisc.					☍ 3		
5		△ 19	□ 11				☾ perig. ☾☊
6 Fides	☍ 15 31					☍ 15	☌☉☿ 17 SS ♄♂
7		□ 20	△ 11	△ 21		Orient.	☾☊☉♄
8 Pelagia					△ 6		
9		✶ 22					
10 ☾ 17 p. Tri.				□ 2	□ 10	△ 11	
11	△ 3		☍ 19				SS ☿☿. Td ♃♀
12 Walfri				✶ 10	✶ 17	□ 16	
13 Tileman	□ 16 20						
14 Calixtus		☌ 14					
15 Hedwig.						✶ 2	
16	✶ 10		△ 18				☿ Dir. in SS ♂
17 ☾ 18 p. Tri.				☌ 15			
18 Lucas					☌ 0		☾☋
19 Ptolem.		✶ 15	□ 7				☾ Apog.
20						☌ 6	
21 Ursula.	☌ 21 17		✶ 20				Td ♃♂ ✶ ♃☉ 2
22 Cordula.		□ 3		✶ 21			SS ♂ ☿
23					✶ 7		☿ E ☌. max. a ☉
24 ☾ 19 p. Tri.		△ 13					□ ♄ ☉ 22
25 Crispin.				□ 8	□ 19	✶ 12	
26 Amand.			☌ 15				
27	✶ 0			△ 18			
28 Sim. Inde					△ 4	□ 0	☊ ♃ ☿
29	□ 9 18	☍ 2					
30 Absolon.						△ 11	
30 ☾ 20 p. Tri.	△ 16		✶ 2				SS ♀ ☿

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lati. ☾	♄	♃	♂	♀	☿	☊
	♏	♓	☋ ☊	♑	♈	♍	♎	♍	♓
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	19 45	24 2	☊N 36	12 50	10 40	27 13	3 53	4 4	28 59
2	20 45	8♈35	0 41	12 51	10 51	27 49	4 46	5 38	28 55
3	21 46	23 15	1 59	12 52	11 2	28 25	5 40	7 10	28 52
4	22 47	7♉59	3 5	12 53	11 14	29 1	6 34	8 41	28 49
5	23 47	22 37	4 1	12 54	11 25	29 36	7 28	10 11	28 46
6	24 48	7♊3	4 39	12 54	11 37	0♎12	8 23	11 43	28 43
7 ☉	25 49	21 11	5☋ 0	12 55	11 49	0 47	9 18	13 16	28 39
8	26 50	4♋54	5 3	12 56	12 1	1 23	10 14	14 49	28 36
9	27 51	18 12	4 50	12 57	12 13	1 58	11 11	16 23	28 33
10	28 51	8♌3	4 19	12 57	12 25	2 34	12 10	17 56	28 30
11	29 52	13 32	3 39	12 58	12 38	3 9	13 8	19 30	28 27
12	0♐53	25 40	2 50	12 58	12 50	3 45	14 7	21 5	28 24
13	1 54	7♍35	1 54	12 58	13 2	4 20	15 6	22 39	28 20
14 ☉	2 55	19 21	0 54	12 58	13 14	4 56	16 6	24 14	28 17
15	3 56	1♎5	0☊ 7	12 57	13 26	5 31	17 7	25 48	28 14
16	4 57	12 54	1 9	12 57	13 38	6 7	18 9	27 22	28 11
17	5 58	24 50	2 9	12 56	13 50	6 42	19 10	28 56	28 8
18	6 59	6♏57	3 4	12 55	14 3	7 18	20 12	0♐30	28 5
19	8 0	19 20	3 51	12 54	14 16	7 53	21 14	2 5	28 1
20	9 1	1♐59	4 28	12 53	14 29	8 28	22 17	3 40	27 58
21 ☉	10 2	14 55	4 51	12 52	14 42	9 3	23 19	5 15	27 55
22	11 3	28 6	5 00	12 51	14 55	9 38	24 22	6 50	27 52
23	12 4	11♑30	4☋ 52	12 50	15 8	10 13	25 26	8 25	27 49
24	13 5	25 4	4 28	12 49	15 21	10 48	26 30	9 59	27 46
25	14 6	8♒45	3 49	12 48	15 33	11 23	27 34	11 33	27 42
26	15 8	22 32	2 56	12 47	15 45	11 58	28 39	13 6	27 39
27	16 9	6♓25	1 52	12 46	15 58	12 33	29 44	14 40	27 36
28 ☉	17 10	20 23	0☊ 42	12 44	16 11	13 7	0♏49	16 13	27 33
29	18 11	4♈28	0 32	12 42	16 24	13 42	1 54	17 47	27 30
30	19 12	18 36	1 44	12 40	16 37	14 16	3 00	19 21	27 27

The Latitude of the Planets.

Daies	☊ N	☊ A	☋ S	☋ A	☊ N	☊ A	☊ N	☊ D
1	0 41	0 17	1 27	0 45	1 46			
6	0 41	0 17	1 28	1 18	1 15			
11	0 42	0 18	1 29	1 43	0 43			
16	0 43	0 18	1 30	2 3	0☋ 7			
21	0 44	0 19	1 30	2 19	0 26			
26	0 45	0 19	1 31	2 30	0 57			

Old-Style.	The Lunar Aspects. ☉	♄ Orient	♃ Occid.	♂ Orient.	♀ Orient	☿ Occid.	The *Planets* mutuall Aspects.
1 Om. Sanct.				☌ 5	☌ 17		☾☊
2 Om. Anin.		△ 7	□ 4				☾perig.
3 Theophil.							
4		□ 8	△ 5			☌ 1	
5	☌2 4			△ 12			✶♃☿22
6 Leonahar.		✶ 10			△ 2		□♄☿ 18
7 ☾21.p. Tri.				□ 18			
8			☌ 13		□ 10	△ 20	
9 Theodor.	△ 19						□♃☿8✶♄☿20
10		☐ 23		✶ 3	✶ 23		
11 Mart. Ep.						□ 14	♀c♄♃
12	□11 28						♄ stat in Td ☉
13			△ 11				
14 ☾22.p.Tri.						✶ 11	☾☌
15 Leopold.	✶ 6	✶ 00	□ 1	☌ 9	☌ 11		☾ Apog.
16							
17							☿Elong. max.
18 Gelasius		□ 11	✶ 14				Td♄☿✶♂☉18
19 Elizabet.							
20	☌14 12	△ 20		✶ 13		☌ 3	
21 ☾23.p.Tri.					✶ 17		
22 Cecilia				□ 22			☊♄☿
23 Clement			☌ 6				△♄☉17
24					□ 3		✶♂☿20
25 Cathar.	✶ 10	☌ 7		△ 5		✶ 5	△♄☿ 19
26					△ 11		ss ♃☉
27	□18 2		✶ 17			□ 16	✶♄♂ 9
28 ☾1 Advent							ss ♃☿. ☽☊
29 Saturn.		△ 14	□ 21	☌ 16		Orient.	☾perig☌☉☿17
30 Judæw	△ 1					△ 1	

The Diurnall Motion of the Planets.

Dates	☉	☾	Lati. ☾ N	♄	♃	♂	♀	☿	☊
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	20 53	2 51	2 51	12 38	16 51	14 50	4 6	20 55	27 23
2	21 15	17 6	3 46	12 36	17 4	15 24	5 12	22 31	27 20
3	22 16	1♍21	4 27	12 34	17 18	15 58	6 19	24 6	27 17
4	23 17	15 26	4 56	12 32	17 31	16 32	7 25	25 41	27 14
5 ☉	24 18	29 19	4 D 59	12 30	17 44	17 6	8 32	27 16	27 11
6	25 20	12♎53	4 51	12 27	17 58	17 40	9 40	28 51	27 8
7	26 21	26 6	4 21	12 25	18 12	18 14	10 46	0♈26	27 4
8	27 22	8♏56	3 42	12 22	18 25	18 49	11 53	2 2	27 1
9	28 23	21 24	2 51	12 19	18 39	19 22	13 1	3 39	26 58
10	29 25	3♐33	1 58	12 16	18 52	19 56	14 9	5 15	26 55
11	0♈26	15 29	0 S 58	12 13	19 6	20 30	15 17	6 51	26 52
12 ☉	1 27	27 15	0 3	12 10	19 20	21 4	16 25	8 27	26 49
13	2 28	9♑1	1 4	12 7	19 34	21 38	17 34	10 4	26 45
14	3 30	20 48	2 4	12 4	19 48	22 11	18 43	11 40	26 42
15	4 31	2♒44	2 58	12 1	20 2	22 45	19 52	13 17	26 39
16	5 32	14 44	3 46	11 57	20 15	23 18	21 1	14 54	26 36
17	6 34	27 23	4 23	11 54	20 29	23 52	22 10	16 30	26 33
18	7 35	10♓14	4 47	11 50	20 43	24 25	23 19	18 7	26 30
19 ☉	8 36	23 25	4 D 59	11 46	20 57	24 58	24 29	19 43	26 26
20	9 38	6♈54	4 54	11 43	21 11	25 31	25 38	21 20	26 23
21	10 39	20 43	4 31	11 39	21 24	26 4	26 47	22 56	26 20
22	11 40	4♉42	3 52	11 35	21 39	26 37	27 57	24 32	26 17
23	12 41	18 52	2 58	11 31	21 53	27 9	29 7	26 6	26 14
24	13 43	3♊4	1 54	11 27	22 7	27 41	0♎18	27 42	26 11
25	14 44	17 15	0 N 42	11 23	22 20	28 13	1 28	29 18	26 7
26 ☉	15 45	1♋22	0 32	11 19	22 35	28 45	2 39	0♑54	26 4
27	16 47	15 27	1 45	11 15	22 49	29 17	3 49	2 29	26 1
28	17 48	29 26	2 52	11 10	23 3	29 49	5 00	4 2	25 58
29	18 49	13♌22	3 47	11 6	23 18	0♏21	6 11	5 33	25 55
30	19 50	27 12	4 28	11 1	23 32	0 53	7 22	7 00	25 52
31	20 52	10♍57	4 53	10 57	23 46	1 26	8 33	8 24	25 48

The Latitude of the Planets.

Dates	N	A	S	A	N	A	N	A	S	A
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	0 46	0 19	1 32	2 37	1 23					
6	0 47	0 19	1 33	2 42	1 48					
11	0 48	0 20	1 33	2 43	2 1					
16	0 48	0 20	1 34	2 D 42	2 9					
21	0 49	0 21	1 34	2 39	2 D 5					
26	0 50	0 21	1 33	2 33	1 48					

Old-Style.	The Lunar Aſpects. ☉	♄ Orient	♃ Occid.	♂ Orient.	♀ Orient	☿ Orient.	The *Planets* mutuall Aſpects.
1		□ 17			☌ 3		☿♃☌
2 Candidus			△ 0				
3 Caſſian.		✶ 19					
4	☌1436			△ 2		☌ 29	
5 ☾2 Advent					△ 17		☉☽☿□♃☌22
6 Nicol.			☌ 9	□ ☿			
7							
8 Con. Mar.		☌ 7		✶ 20	□ 6		□ ♄ ♀ 10
9 Joachim	△ 15						
10					✶ 23	△ 4	Bq ♄ ☿
11							☾☌
12 ☾3 Adven.	□☽ 20		△ 7				☾ Aug.
13 Lucia		✶ 6	□ 22			□ 2	
14 Nicaſius				☌ 3			Ve ♄ ☿
15	✶ 4	□ 19					☿☌☉.✶♃☿4
16			✶ 11		☌ 13	✶ 0	Bq ♄ ☉
17 Lazarus							☿♄☌
18		△ 3					
19 ☾4 Advent				✶ 3			☌♃☿21SS☌☿
20	☌☾ 5						
21 Thō. Apo.			☌ 1	□ 9	✶ 11	☌ 4	Ve ♄ ☉
22 Theod.		☌ 11					
23				△ 14	□☾ 19		Id ♄ ♀
24 Adam & Eve	✶ 19						□ ☌ ☿ 0
25 Natal. D.			✶ 9			✶ 22	☾☌
26 ☾ Stephen		△ 17			△ 2		☾ peri.
27 John Evā.	□☽ 30		□ 13				
28 Innocents		□ 20		☌ 1		□ 8	
29	△ 10		△ 18				
30 David					☌ 19	△ 19	
31 Sylveſt.		✶ 0					✶ ♀ ☿ 18

The Radices of the middle motions of the Planets January 1, 1652. Old-Style, *in the Meridian of* London, *according to* HARMONICON COELESTE.

	☽	D	′	″
The progression of the first ✶ of ♈ from the Vernall Equinox.	00	28	20	17
The middle Longitude of the ☉	9	20	36	14
The Aphelion of the ☉	3	6	35	51
The middle Longitude of the ☾	9	27	26	8
The Aphelion of the ☾	4	24	22	40
The Node ascend. of ☾	0	15	8	11
The middle motion of ♄	3	22	24	1
The Aphelion of ♄	8	27	8	15
The Node ascend. of ♄	3	21	3	14
The middle motion of ♃	8	29	15	23
The Aphelion of ♃	6	8	45	25
The Node ascend. of ♃	3	5	37	3
The middle motion of ♂	11	19	7	52
The Aphelion of ♂	5	00	1	58
The Node ascend. of ♂	1	17	20	33
The middle motion of ♀	10	16	8	29
The Aphelion of ♀	10	5	9	4
The Node ascend. of ♀	2	13	30	0
The middle motion of ☿	11	5	48	20
The Aphelion of ☿	8	14	17	00
The Node ascend. ☿	1	13	46	30

End of the Ephemeris *for the year of the Christian Æra* 1652.

AN

EPHEMERIS

OF

The Cœleſtiall Motions: for the Yeare of the Chriſtian Æra, M DC LIII.

Whereto are numbred from

		YEARS
The	Creation of the World	5602
	Generall Deluge	3946
	Building of *London*	2760
	Death of *Alexander* the Great	1976
	Conſtitution of the *Julian* Year	1697
	Paſſion and death of Chriſt	1620
	Hegyra or flight of *Makomet*	1062
	Correction of the Kalender by P. *Gregorie.*	71
	Biſſextile *or* Leap-year.	1

JULIAN.		GREGORIAN.
1	The Golden Number.	1
10	Cycle of the Sunne.	10
B	Dominicall Letters.	E
6	Roman Indiction.	6
11	Epact.	1
20	Number of Direction.	16
Februa. 6	Septuageſima.	9 *February*
Februa. 23	*Dies Cinerum.*	26 *Februa.*
Aprill 10	Eaſter day.	13 *Aprill*
May 15	Rogation Sunday.	18 *May*
May 19	Aſcenſion day.	22 *May*
May 29	Whitſunday.	1 *June*
Novem. 27	Advent Sunday.	30 *Novem.*

Authore VINCENTIO WING, *Philomathematico.*

LONDON,
Printed by ROBERT and WILLIAM LEYBOURN, for the Company of STATIONERS: 1652.

Of the Eclipses 1653.

THere will happen 4 Eclipſes this year, two of the Sun and two of the Moon, whereof the firſt of the Moon will onely be ſeen in *England*.

The firſt is a little Eclipſe of the Sun upon the 17 h. of *February* in the night time, to be ſeen in *Magellanica*, and the South parts of the World unknown to us.

The ſecond Eclipſe is of the Moon upon the 4th. *of* March *in the morning to be ſeen in* England. The Calculation.

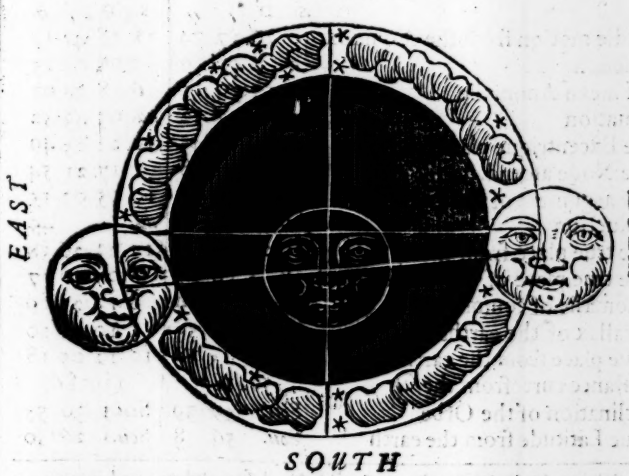
		D	H	′	″
The middle ☍ of the *Luminaries*	*March*	3	15	11	48
The intervall of the middle and true ☍	*Adde*		00	47	33
The middle time of the true ☍	*March*	3	15	59	21
The co-æquate Anomaly of the ☉		8	16	30	1
The co-æquate Anomaly of the ☾		11	11	21	34
The true place of ☉ from the Earth		♓	24	7	32
The true place of ☾ in her Orbite		♍	24	7	32
The argument of the ☾ Latitude		6	01	38	10
The true Latitude of the ☾	*South Def.*			8	33
The Reduction	*Subſt.*				24
True place of ☾ in the *Ecliptique*		♍	24	7	8
Hourely motion of ☉				2	29
Hourely motion of ☾				29	50
Hourely motion of ☾ from ☉				27	21
The time of Reduction	*Adde*				53
Therefore the exact time of the true ☍ in reſpect of the æquation of civill dayes	*March*	3	15	54	17
Semidiameter of the ☾				15	38
Semidiameter of the ſhadow				41	40
Aggregate of the Semidiameters				57	18
Parts deficient				48	45
Digits Eclipſed	*Dig.*		18	42	36
Minutes of incidence & half continuance together				56	40
Minutes of halfe continuance				24	35
Time of incidence and halfe continuance			2	4	19
Time of halfe continuance				53	56
Totall Duration			4	8	38
Diſtance of the middle of the Eclipſe from true ☍				1	38

Hence

Hence,	H	′	″
The beginning of the Eclipſe	13	48	20
The beginning of totall darkneſſe	14	58	43
The middle or greateſt obſcuration	15	52	39
The true ☍	15	54	17
End of totall Darkneſſe	16	46	35
The end and full recovery of ☉ ſhine	17	56	58

Latitude of ☾ at the { Beginning 3′ 10″ } *South Deſcend.*
{ End 13 56 }

A Type of the Eclipſe.



This Eclipſe (if the Aire be cleer) may be ſeen at *London* from the beginning to the end, but the Meridian of this Eclipſe is diſtant from *London* towards the Weſt 3h. 52m. 39ſ. under the Longitude of the Earth 322d. 50m. 50ſ. and therefore thoſe people ſhall behold it in their Meridian or Noon-ſtead, who live in *Braſilia*, in the extreamity of the weſtern parts of *Gronland*, and in the eaſtern parts of *Eſtotiland*, &c.

The third Eclipſe is of the Sun upon the 12th. of *Auguſt*, but happning in the night time it connot be ſeen of us in *England*, yet in the Northweſt parts from us, it will be a little conſpicuous, as in North *America*, and ſuch places as lye neer the Artique-Circle and Longitude 238 degrees.

The fourth Eclipſe is of the Moon upon the 28th. of *Auguſt* neer 11 *A. M.* and will be ſeen of our *Antipodes* and *Periæcus*, and by them that are diſtant from us 6 hours; as well towards the Eaſt, as towards the Weſt, *viz.* in the *Eaſt Indies*, *China*, *Mexico*; the Eaſt part of *Peru*, as alſo in the Iſlands of *Sumatra*, *Java*, *Borneo*, *Lucania*, *Malacca*, *Philippines*, new *Guinea*, the eaſtern *Magellanica*, the quantity Eclipſed being 18 Digits, and the whole continuance 3 hours and three fourth parts of an hour.

The

The Calculation of the ☌ ♃ ☍ that will happen this present year

November 17^{d} $\left\{\begin{matrix} 2^{h} & 49' & 00'' & T.M. \\ 2 & 58 & 42 & T.A. \end{matrix}\right\}$ in 12^{d} 5′ 18″ ♒

		S	D	′	″
The middle motion of the ☉		8	6	52	25
His Aphelion		3	6	37	48
The mean Anomalie		5	0	14	37
The Æquation	*subst.*		1	02	08
The ☉ true place from the earth	♐	5	50	17	
His distance from the earth			98468.		

	♃				☍			
	S	D	′	″	S	D	′	″
Middle motion from the Æquinox	10	26	17	34	11	18	42	17
Aphelion	6	8	47	19	5	00	04	15
The mean Anomalie	4	17	30	15	6	18	38	02
Æquation	*su.*	3	53	52	*ad.*	03	43	32
The Excentrique place from ☉	10	22	23	42	11	22	25	49
The Node ascend.	3	5	37	28	1	17	21	54
The argument of Latitude	7	16	46	14	10	05	03	55
Reduction	*su.*			29	*ad.*			49
The true place from the ☉	10	22	23	13	11	22	26	38
The true place of ☉ from the earth	8	5	50	17	8	05	30	17
Anomalie of commutation	9	13	27	4	8	13	23	39
Parallax of the earths Orbe	*su.*	10	27	55	1	10	21	20
True place from the earth	10	12	5	18	10	12	05	18
Distance curt. from the ☉		504187				139186		
Inclination of the Orbe	*Son.*		59	39	*Son.*	1	30	55
True Latitude from the earth	*Son.*		56	8	*Son.*	1	26	50

The Calculation of the first ☌ ♄ ♃ that will happen this yeare

February 26^{d} $\left\{\begin{matrix} 9^{h} & 50' & 00'' & T.M. \\ 9 & 42 & 27 & T.A. \end{matrix}\right\}$ in 6^{d} 43′ 58″ ♌ ♒

		S	D	′	″
The middle motion of ☉		11	16	57	3
The Apogæan of the ☉		3	6	37	2
The mean Anomalie		8	10	20	1
Æquation	*Adde*	1	56	39	
The true place of ☉ from the Earth	♓	18	53	42	
His distance from the Earth.			99430		

	♄				♃			
	S	D	′	″	S	D	′	″
Middle motion from the Æquinox	4	6	32	58	10	4	22	15
Aphelion	8	27	9	46	6	8	46	34
The mean Anomalie	7	9	23	12	3	25	35	41
Æquation	*ad.*	4	23	51	*ſu.*	5	6	59
The Excentrique place from ☉	4	10	56	49	9	29	15	16
The Node aſcend.	3	21	3	56	3	5	37	18
The argument of Latitude		19	52	53	6	23	37	58
Reduction	*ſu.*		1	5	*ſu.*			22
The true place from the ☉	4	10	55	44	9	29	14	54
The true place of ☉ from the earth	11	18	53	42	11	18	53	42
Anomalie of commutation	7	7	57	58	1	19	38	48
Parallax of the earths Orbe	*ſu.*	4	11	46	*ad.*	7	29	4
True place from the earth	4	6	43	58	10	6	43	58
Diſtance curt. from the ☉		912109				512378		
Inclination of the Orbe	*N. A.*	51	9		*South*	32	48	
True Latitude from the earth	*North*	55	48		*South*	28	53	

The Calculation of the ſecond ☌ ♄ ♃ that will be this year.

July 10^{d}. $\left\{\begin{matrix} 6^{h}\ 1'\ 0''\ T\ M \\ 5\ 55\ 5\ \ T\ A \end{matrix}\right\}$ *in* 14^{d} 3′ 4″ ♌ ♒.

	S	D	′	″
The middle motion of the ☉	3	28	52	16
Aphelion of the ☉	3	6	37	26
The mean Anomalie		22	14	50
Æquation	*Subſtr.*		45	34
True place of ☉ from the earth	♋	28	6	42
The ☉ diſtance from the earth		101670		

	♄				♃			
	S	D	′	″	S	D	′	″
Middle motion from the Æquinox	4	11	1	58	10	15	29	50
The Aphelion	8	27	10	19	6	8	46	58
The mean Anomalie	7	13	51	39	4	6	42	52
Æquation	*ad.*	4	47	15	*ſu.*	4	35	23
The Excentrique place	4	15	49	13	10	10	54	27
Node Aſcend.	3	21	4	10	3	5	37	23
Argument of Latitude		24	45	3	7	5	17	4
Reduction	*ſu.*		1	16	*ſu.*			27
Ecliptique place from ☉	4	15	47	57	10	10	54	0
True place of ☉ from the earth	3	28	6	42	3	28	6	42
The Anomalie of Commutation	11	12	18	45	5	17	12	42
The Parallax of the earths Orbe	*ſu.*	1	44	53	*ad.*	3	9	4
The true place from the earth	4	14	3	4	0	14	3	4
The curted Diſtance from ☉		915152				507962		
The Inclination of the Orbe	*N.*	1	2	55	*S.*		47	18
Hence the true latitude from the earth	*North*	56	56		*South.*	58	41	

Forasmuch as the first Inæquality of the Planets can no way better be determin'd, then by Observations made at such time, as the Earth, and they are exactly in a straight line with the Sun, the Planet being then totally exempted from the Parallax of the earths Orbe, which is both at the time of the Conjunction and Opposition with the Sun. That therefore the verity of those Astronomicall Tables in *H. C.* may the more evidently appear, I shall here present the Reader with the Calculation of the Opposition of the Sun and Mars, that will fall out upon the 5^{d} of *May*.

At $\left\{\begin{matrix} 18^{h}\ 54'\ c''\ \mathcal{T}\ M \\ 19\ \ 0\ 45\ \ \mathcal{T}\ A \end{matrix}\right\}$ in 25^{d} 41′ 58″. ♌ m.

Thus proved.

		S	D	′	″
The mean motion of the Sun		1	24	20	49
His Aphelion		3	6	37	14
The mean Anomalie		10	17	43	35
The Æquation Adde			1	21	9
The Suns true place		1	25	41	58
His distance from the earth.			101345.		
Mean motin of Mars		8	6	20	21
Aphelion of Mars		5	0	3	36
Mean Anomalie		3	6	16	45
Absolute Æquation	*Substr.*		10	38	8
Place of ♂ from ☉ in his Orbite		7	25	42	13
Node Ascend.		1	17	21	30
Argument of Latitude		6	8	20	43
Reduction *Substr.*					15
His Ecliptique place from the Sun		7	25	41	58
His Distance from the Sun Curt.			152005		
His Distance from the earth			50660		
His Inclination from the Ecliptique.		*South* 7	13		
Therefore the Angle of his apparent Latitude from the Earth		0^{d}	48′	24″	

The exact time of the Earths ingresse into the other three Cardinall Signes.

Earth ♍, ☉ ♓, *June* 10d

H	′	″	
17	11	0	*T M*
17	10	34	*T A.*

Earth ♈, ☉ ♎, *September* 12d

H	′	″	
8	4	30	*T M*
8	4	34	*T A*

Earth ♓, ☉ ♍, *December* 10d

H	′	″	
19	36	7	*T M*
19	36	33	*T A.*

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lati. ☾ N	Lati. ☾ A	♄	♃	♂	♀	☿	☊
	♑	♊			♑	♍	♏	♐	♒	♓
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	21 53	24 34	5 2	10 55	4 0	1 58	9 44	9 47		25 45
2 ☉	22 54	8♋ 3	4D55	10 48	24 1	2 30	10 55	11 6		25 42
3	23 55	21 16	4 30	10 44	24 23	3 1	12 6	12 21		25 39
4	24 56	4♌ 5	3 52	10 40	24 42	3 32	13 17	13 31		25 36
5	25 58	16 55	3 4	10 35	24 56	4 3	14 29	14 35		25 32
6	26 59	29 17	2 6	10 30	25 10	4 34	15 40	15 30		25 29
7	28 0	11♍26	1 6	10 26	25 24	5 5	16 52	16 18		25 26
8	29 1	23 21	0 3	10 21	25 39	5 36	18 4	16 59		25 23
9 ☉	♒ 2	5♎10	1 S 0	10 16	25 53	6 7	19 16	17 34		25 20
10	3	16 54	2 0	10 11	26 7	6 38	20 27	17 57		25 17
11	4	28 43	2 56	10 6	26 21	7 9	21 39	18 R 11		25 13
12	6	10♏39	3 45	10 1	26 35	7 39	22 51	18 12		25 10
13	7	22 48	4 24	9 56	26 49	8 10	24 3	18 2		25 7
14	8	5♐16	4 51	9 51	27 3	8 40	25 15	17 43		25 4
15	9	18 7	5 5	9 46	27 17	9 10	26 27	17 13		25 1
16 ☉	10	1♑23	5D 4	9 41	27 31	9 40	27 39	16 34		24 58
17	11	15 5	4 47	9 37	27 45	10 9	28 51	15 45		24 54
18	12	29 8	4 10	9 32	27 59	10 39	0♑ 3	14 46		24 51
19	13	13♒30	3 17	9 27	28 13	11 8	1 15	13 38		24 48
20	14	28 4	2 11	9 21	28 27	11 37	2 28	12 26		24 45
21	14	12♓45	0 56	9 17	28 41	12 6	3 40	11 12		24 42
22	15	27 21	0 N23	9 11	28 55	12 35	4 52	9 55		24 39
23 ☉	16	11♈52	1 49	9 7	29 9	13 3	6 5	8 40		24 35
24	17	26 12	2 48	9 1	29 23	13 32	7 17	7 31		24 32
25	18	10♉17	3 49	8 57	9 37	14 0	8 30	6 28		24 29
26	19	24 9	4 33	8 52	29 51	14 28	9 43	5 32		24 26
27	18	7♊48	5 9	8 48	0♒ 4	14 56	10 55	4 41		24 23
28	19	21 13	5 11	8 43	0 18	15 24	12 8	3 56		24 20
29	20	4♋26	5D 6	8 38	0 32	15 52	13 21	3 23		24 16
30 ☉	21	17 29	4 43	8 33	0 46	16 19	14 34	2 57		24 13
31	22	0♋18	4 6	8 28	1 0	16 46	15 47	2 43		24 10

The Latitude of the Planets.

Daies	N	A	S	A	N	D	N	D	S	D
1	0	51	0	21	1	35	2	15	1 N	2
6	0	51	0	22	1	35	2	3	0 N	5
11	0	52	0	22	1	35	1	49	1	20
16	0	53	0	23	1	34	1	34	2	35
21	0	53	0	23	1	34	1	19	3 D	30
26	0	54	0	24	1	33	1	3	3	22

Old-Style.	The Lunar Aſpects. ☉	♄ Orient	♃ Occid.	♂ Orient.	♀ Orient.	☿ Occid.	The *Planets* mutuall Aſpects.
1				△ 13			△ ♄ ♀ 22
2 ♑							
3	☌ 5 18		☌ 6	□ 22	△ 19	☌ 18	☌ ♃ ☉ 17
4 Teleſph.		☌ 12	Orient.				
5 Simeon.							✶ ☿ ☿ 28. ☿ in his greateſt Elong.
6 Epiphanie				✶ 10			
7					□ 12		☾ ☋
8	△ 11		△ 5				
9 ♑ 1 p.Ep.		✶ 10					☾ Apog.
10			□ 19		✶ 8	△ 2	
11 Hygin.	□ 7 24	□ 23		☌ 18			
12						□ 14	
13 Hillarie.			✶ 8				
14	✶ 00	△ 9				✶ 22	
15					☌ 16		☋ ♃ ☿
16 ♑ 2.p.Ep.				✶ 15			□ ♄ ☌ 1
17 Anthon.			☌ 22				☌ ♄ ☉ 7
18 Prisca	☌ 18 6	☌ 17		□ 20		☌ 00	☌ ☉ ☿ 13. ☿ ♄ ☿
19							□ ☌ ☉ 18 □ ☌ ☿
20				△ 23	✶ 8		
21 Agneta.							(11
22		△ 20	✶ 3		□ 13	✶ 18	☾ peri. ☌ ♄ ☿ 15
23 ♑ 3.p.Ep.	✶ 4						
24 Timoth.		□ 22	□ 6		△ 21	□ 17	☋ ☿ ☿
25 Con. P.	□ 11 13			☌ 7			♀ ☌ ♄ ♀
26 Polycarp.			△ 9			△ 18	
27	△ 20	✶ 2					
28							
29				△ 21	☌ 18		
30 ♑ 4.p.Ep.							
31		☌ 16	☌ 1			☌ 4	

The Diurnall Motion of the Planets.

Daies.	☉		☾		Lati. ☾ N		Lati. ☾ D		♄		♅		♂		♀		☿		☊	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	23	23	12	57	3	19			8	24	1	14	17	13	16	59	2	39	24	7
2	24	24	25	21	2	24			8	19	1	27	17	40	18	12	2	39	24	4
3	25	24	7♏	33	1	22			8	15	1	41	18	6	19	25	2	42	24	1
4	26	25	19	36	0	S 16			8	1[illegible]	1	54	18	31	20	38	2	52	23	57
5	27	25	1♐	30	0	48			8	6	2	8	18	57	21	51	3	8	23	54
6 ☉	28	26	13	20	1	51			8	2	2	21	19	23	23	4	3	30	23	51
7	29	26	25	7	2	49			7	57	2	35	19	48	24	17	3	58	23	48
8	0♓	27	6♑	56	3	40			7	53	2	48	20	13	25	30	4	32	23	45
9	1	27	18	53	4	23			7	48	3	1	20	38	26	43	5	11	23	42
10	2	27	1♑	4	4	53			7	44	3	14	21	2	27	56	5	55	23	39
11	3	28	13	27	5	D 11			7	40	3	27	21	26	29	9	6	42	23	35
12	4	28	26	14	5	15			7	36	3	41	21	50	0♒	22	7	35	23	32
13 ☉	5	28	9♒	7	5	3			7	32	3	54	22	14	1	35	8	27	23	29
14	6	29	23	6	4	33			7	27	4	7	22	37	2	48	9	23	23	26
15	7	29	7♒	12	3	44			7	23	4	20	23	00	4	1	10	22	23	23
16	8	29	21	41	2	43			7	19	4	33	23	23	5	14	11	24	23	20
17	9	29	6♓	29	1	28			7	16	4	46	23	45	6	28	12	29	23	16
18	10	29	21	27	0	7			7	12	4	59	24	7	7	41	13	36	23	13
19	11	30	6♈	26	1	N 15			7	9	5	11	24	28	8	54	14	45	23	10
20 ☉	12	30	21	21	2	31			7	5	5	24	24	49	10	8	15	56	23	7
21	13	30	6♉	5	3	38			7	2	5	37	25	10	11	21	17	8	23	4
22	14	29	20	28	4	29			6	58	5	50	25	31	12	34	18	23	23	1
23	15	29	4♊	32	5	2			6	55	6	3	25	52	13	47	19	39	22	57
24	16	29	18	12	5	16			6	52	6	15	26	12	15	0	20	57	22	54
25	17	29	1♋	32	5	D 14			6	49	6	28	26	32	16	14	22	45	22	51
26	18	29	14	32	4	54			6	46	6	40	26	52	17	27	23	36	22	48
27 ☉	19	29	27	16	4	21			6	43	6	52	27	12	18	41	24	58	22	45
28	20	29	9♌	48	3	36			6	40	7	4	27	31	19	54	26	22	22	42

The Latitude of the Planets.

Daies	N	A	S	A	N	D	N	D	N	D
1	0	54	0	25	1	32	0	42	2	22
6	0	55	0	25	1	31	0	25	1	20
11	0	55	0	26	1	29	0	S 8	0	22
16	0	55	0	27	1	27	0	6	0 S	29
21	0	56	0	28	1	25	0	21	1	12
26	0	56	0	28	1	22	0	35	1	44

Old-Style.	The Lunar Aspects. ☉ Occid.	♄ Orient	♃ Orient.	♂ Orient.	♀ Orient.	☿ Orient.	The *Planets* mutuall Aspects.
1 2 Purif Mary	☍ 22 0			□ 8			✶ ♂ ♀ 7
3 Blasius 4				✶ 22	△ 2		☌ ♃ ☿ ferè ☾ ☋
5 6 B Septua.		✶ 13	△ 1		□ 22	△ 3	☾ Apog.
7 8	△ 9	□ 2	□ 16			□ 19	
9 Apollon. 10 Scholast.	□ 2 57	△ 13	✶ 4	☌ 4	✶ 17	✶ 10	
11 12	✶ 16						SS ♃ ☉. Q ♃ ♂ ☍ ♄ ☿ 1
13 B Sexage. 14 Valentine			☌ 19	✶ 23	☌ 18		Vc ♄ ☉
15 Faustin. 16 Juliana		☍ 00		□ 3		☌ 5	☌ ♃ ♀ 8 Q ♂ ♀. ☿ elō ma
17 18 Concord.	☌ 5 9		✶ 22	△ 5			☍ ♄ ♀ 8. Q ♂ ♀ ☾ ☊
19 20 B Esto mihi		△ 1	□ 23		✶ 4	✶ 14	☾ perig. Bq ♄ ☉ Td ♂ ☉
21 22	✶ 13	□ 2		☍ 9	□ 9	□ 20	Td ♄ ♂
23 24 Matthias	□ 2 45	✶ 4	△ 3		△ 16	△ 5	
25 Victor 26	△ 8						☍ ♄ ♃ 10
27 B Invocat. 28 Roman		☌ 18	☍ 19	△ 00	☍ 22		

D 69
6 0 1
3. 27. 16
4. 1. 5
7. 28. 21

The Diurnall Motion of the Planets.

Daies	☉	☽	Lati. ☽ N	Lati. ☽ D	♄	♅	♂	♀	☿	☊
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	21 28	22 5	2 46		6 37	7 15	27 50	21 7	27 47	22 38
2	22 28	4♍14	1 46		6 34	7 27	28 7	22 21	29 13	22 35
3	23 28	16 15	0 36		6 31	7 39	28 25	23 34	0♓42	22 32
4	24 28	28 10	0 S 30		6 29	7 51	28 42	24 47	2 11	22 29
5	25 27	10♎ 1	1 34		6 27	8 3	28 58	26 0	3 42	22 26
6 ☉	26 27	21 50	2 35		6 25	8 15	29 14	27 14	5 14	22 22
7	27 26	3♏42	3 28		6 22	8 27	29 30	28 27	6 46	22 18
8	28 26	15 36	4 13		6 20	8 38	29 45	29 41	8 20	22 15
9	29 25	27 37	4 47		6 18	8 49	29 59	0♓54	9 55	22 12
10	0♈25	9♐47	5 8		6 16	9 0	0♐13	2 8	11 32	22 9
11	1 24	22 13	5	D 17	6 14	9 11	0 26	3 21	13 12	22 6
12	2 23	4♑57	5	D 10	6 12	9 22	0 40	4 35	14 52	22 3
13 ☉	3 23	18 1	4 46		6 11	9 33	0 52	5 48	16 34	21 59
14	4 22	1♒32	4 6		6 10	9 44	1 4	7 1	18 16	21 56
15	5 21	15 29	3 12		6 9	9 55	1 15	8 15	20 0	21 53
16	6 20	29 52	2 3		6 8	10 6	1 26	9 28	21 44	21 50
17	7 20	14♓38	0 N 45		6 7	10 17	1 37	10 42	23 30	21 47
18	8 19	29 40	0 37		6 5	10 28	1 47	11 55	25 19	21 44
19	9 18	14♈50	1 59		6 4	10 38	1 56	13 9	27 9	21 40
20 ☉	10 17	00♉00	3 11		6 3	10 48	2 5	4 22	29 1	21 37
21	11 16	15 1	4 9		6 2	10 59	2 12	15 36	0♈53	21 34
22	12 14	29 43	4 50		6 2	11 9	2 19	16 49	2 47	21 31
23	13 13	14♊ 1	5	D 11	6 2	11 19	2 25	18 3	4 42	21 28
24	14 12	27 52	5	D 14	6 1	11 29	2 31	19 16	6 38	21 25
25	15 11	11♋17	4 57		6 1	11 38	2 36	20 29	8 38	21 21
26	16 10	24 15	4 28		6 1	11 48	2 40	21 42	10 39	21 18
27 ☉	17 9	6♌53	3 44		6 0	11 57	2 44	22 56	12 41	21 15
28	18 8	19 12	2 53		6 0	12 6	2 47	24 9	14 45	21 12
29	19 7	1♍20	1 54		6 0	12 15	2 49	25 23	16 50	21 9
30	20 6	13 17	0 51		6 1	12 24	2 51	26 36	18 55	21 6
31	21 4	25 8	0 S 13		6 1	12 33	2 52	27 50	21 1	21 2

The Latitude of the Planets.

Daies	N	A	S	A	N	D	S	A	S	A
1	0	56	0	29	1	20	0	43	1	58
6	0	56	0	30	1	15	0	55	2	14
11	0	56	0	31	1	10	1	5	2	20
16	0	56	0	32	1	5	1	15	2	13
21	0	56	0	33	0	58	1	22	1	54
26	0	56	0	34	0	51	1	27	1	23

Old-Style.	The Lunar Aſpects. ☉	♄	♃	♂	♀	☿	The *Planets* mutuall Aſpects.
		Occid.	Orient.	Orient	Occid.	Orient.	
1				□ 11		♂ 12	□♂☿ 1
2 Simplic.							☌☿☉
3	♂ 16 0						☾☊ Eclipſed
4 Adrian		✶ 17	△ 20	✶ 1			viſible.
5							☾ Aſpg.
6 ♓ Reminiſ.					△ 12		☾c ♄☿
7 Perpet.		□ 5	□1 0			△ 7	
8							☍☿. □♂♀ 2
9	△ 4	△ 17	✶ 23	☌ 5	□ 7	□ 3	△♂☉ 18
10 Alexand.							☽q ♄☿
11	□1848				✶ 23	✶ 21	
12 Gregori							
13 ♓ Oculi.	✶ 5	♂ 8	☌ 14	✶ 23			☾c ♄☿
14							☾d ♂☿
15							△☉ ♄ 19
16 Cyriacus.				□ 3	☌ 17		☍☿
17 Gertud.						☌ 16	☾☊
18	☌ 14 36	△ 10	✶ 16	△ 4			☽q ♄☿
19							☾ perig.
20 ♓ Lætare		□ 9	□ 16				✶☉☿ 16
21 Benedic.					✶ 1	✶ 5	△♂☿ 18
22	✶ 22	✶ 10	△ 19	☍ 5			
23					□ 7	□ 18	△♄☿ 17
24							
25 Annun. Ma.	□7 50				△ 17		☾d ♂ ♀
26		☌ 22		△ 16			✶☿☿ 15
27 ♓ Judaica	△ 22		☍ 10			△ 14	☾d ☉ ♄
28							
29 Euchſtach.				□ 3			☾d ♄☿
30 Gindon.							
31		✶ 22		✶ 15	☍ 6	Occid.	☾☉☿ 1

The Diurnall Motion of the Planets.

Daies	☉ ♈	☾ ♎	Lati. ☾ S	Lati. ☾ N	♄ ♑	♅ ♒	♂ ♉	♀ ♓	☿ ♓	♃ ♓
	D ′	♄ ′	D ′	D ′	D ′	D ′	D ′	♇ ′	D ′	D ′
1	22 8	6 58	1 17	6 1	12 43	2 53	29 4	23 6	20 59	
2	23 1	18 47	2 18	6 2	12 52	2R 53	0♈ 17	25 13	20 56	
3 ☉	24 0	0♏ 39	3 13	6 3	13 0	2 52	1 30	27 20	20 53	
4	24 59	12 35	3 59	6 4	13 9	2 50	2 44	29 26	20 50	
5	25 57	24 37	4 36	6 5	13 17	2 47	3 57	1♉ 32	20 47	
6	26 55	6♐ 47	4 58	6 6	13 26	2 43	5 11	3 38	20 43	
7	27 53	19 7	5 D 10	6 7	13 34	2 39	6 24	5 42	20 40	
8	28 51	1♑ 37	5 7	6 8	13 43	2 34	7 38	7 45	20 37	
9	29 50	14 21	4 47	6 9	13 51	2 28	8 52	9 47	20 34	
10 ☉	0♉ 48	27 23	4 13	6 11	13 59	2 2	10 5	11 48	20 31	
11	1 46	10♒ 44	3 35	6 12	14 7	2 14	11 18	13 46	20 27	
12	2 45	24 29	2 25	6 14	14 15	2 6	12 32	15 42	20 24	
13	3 43	8♓ 37	1 N 13	6 16	14 22	1 57	13 45	17 35	20 21	
14	4 42	23 10	0 5	6 18	14 29	1 47	14 59	19 27	20 18	
15	5 39	8♈ 1	1 24	6 20	14 36	1 36	16 12	21 18	20 15	
16	6 37	23 6	2 36	6 22	14 43	1 25	17 26	23 6	20 12	
17 ☉	7 35	8♉ 17	3 42	6 24	14 50	1 13	18 39	24 51	20 8	
18	8 33	23 22	4 29	6 26	14 57	1 00	19 52	26 32	20 5	
19	9 31	8♊ 13	4 57	6 29	15 3	0 47	21 6	28 8	20 2	
20	10 29	22 40	5 D 6	6 31	15 9	0 33	22 19	29 40	19 59	
21	11 27	6♋ 41	4 55	6 33	15 15	0 19	23 33	1♊ 9	19 56	
22	12 25	20 11	4 29	6 36	15 22	0♏ 5	24 46	2 35	19 53	
23	13 23	3♌ 14	3 48	6 39	15 28	29 50	26 00	3 57	19 49	
24 ☉	14 21	15 52	2 58	6 42	15 34	29 34	27 13	5 13	19 46	
25	15 19	28 9	2 1	6 45	15 40	29 17	28 27	6 25	19 43	
26	16 17	10♍ 11	0 59	6 48	15 45	28 58	29 40	7 31	19 40	
27	17 15	22 3	0 S 4	6 51	15 50	28 39	0♉ 53	8 33	19 37	
28	18 13	3♎ 49	1 6	6 54	15 55	28 20	2 6	9 32	19 34	
29	19 10	15 36	2 6	6 57	16 0	28 00	3 20	10 26	19 30	
30	20 8	27 27	2 59	7 1	16 5	27 41	4 33	11 17	19 27	

The Latitude of the Planets.

Daies	N A	S A	N D	S A	S D
1	0 56	0 35	0 43	1 32	0 N 30
6	0 56	0 35	0 32	1 33	0 22
11	0 56	0 36	0 22	1 D 33	1 12
16	0 56	0 37	0 S 10	1 32	1 54
21	0 56	0 38	0 4	1 28	2 21
26	0 56	0 39	0 19	1 21	2 D 26

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♃ Orient.	♂ Orient.	♀ Orient.	☿ Occid.	The Planets mutuall Aspects.
1			△ 12				☾ Apo. Q♃☿
2	☍ 9 20					☍ 15	Bq ♂ ☿
3 ♅ Palm.		□ 11					Q♃☉ △♃♀ 2
4 Ambros.			□ 1				Bq ♂ ☉ Vc ♂ ☿
5 Vincent.		△ 23		☌ 16	△ 20		△ ♄ ♀ 18
6			✱ 13				□ ♄ ☿ 5. SS ♀ ☿
7 Egesip.	△ 18				□ 12	△ 14	
8							
9							
10 ♅ Pascha	□ 6 38	☍ 16		✱ 10			□ ♃ ☿ 5. Q♃ ♂
11					✱ 1	□ 6	Vc ♂ ☉
12 Julius	✱ 15		☌ 6	□ 14			✱ ♃ ♀ 13 ☾ ☊
13 Justinus						✱ 17	☾ perig.
14 Tiburt.		△ 21		△ 15			□ ☉ ♄ 18
15 Olymp.			✱ 11		☌ 14		Q ♄ ☿. Td ♄ ♀
16	☌ 22 48	□ 21					
17 ♅ Quasim.			□ 11				
18 Valerian.		✱ 21		☍ 12		☌ 6	
19			△ 12		✱ 23		☍ ♂ ☿ 17
20							Bq ♂ ♀
21	✱ 9						Td ♃ ☿
22				△ 19	□ 9		
23 Georg.	□ 20 54	☌ 6	☍ 23			✱ 1	Q♃ ♀ (10
24 ♅ Mis. Dom.							
25 Marc.				□ 2	△ 00	□ 18	✱ ♄ ☿ 8. □ ♃ ☉
26	△ 13						Vc ♂ ♀. ☾ ☋
27 Anast.				✱ 13			☿ Elong. max.
28 Vital.		✱ 6				△ 13	☾ Apog.
29			△ 1				
30		□ 19			☍ 15		

St John Bowyer Born

marcat Aug 1677

obyt July 18d 9h pm 1691

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lati. ☾ S	Lati. ☾ A	♄	♅	♂	♀	☿	☊
	♉ D ′	♍ D ′	D ′	D ′	♌ D ′	♎ D ′	♍ D ′	♉ D ′	♊ D ′	♓ D ′
1	☉ 21 6	9 24	3 47		7 4	16 10	27 21	5 47	12 4	19 24
2	22 4	21 29	4 24		7 8	16 14	27 0	7 0	12 45	19 21
3	23 1	♐ 4 44	4 49		7 12	16 18	26 39	8 13	13 22	19 18
4	23 59	16 7	5 1		7 16	16 22	26 18	9 27	13 53	19 15
5	24 57	28 41	4	D 59	7 20	16 26	25 56	10 40	14 20	19 11
6	25 54	♑ 11 24	4 41		7 24	16 29	25 36	11 54	14 40	19 8
7	26 52	24 19	4 10		7 28	16 33	25 15	13 7	14 57	19 5
8	☉ 27 49	♒ 7 26	3 24		7 32	16 37	24 54	14 20	15 8	19 2
9	28 46	20 46	2 28		7 36	16 40	24 37	15 33	15 R 14	18 59
10	29 44	♓ 4 23	1 22		7 40	16 43	24 12	16 47	15 15	18 56
11	♊ 0 42	18 17	0 N	10	7 44	16 45	23 50	18 1	15 13	18 52
12	1 39	♈ 2 31	1 4		7 49	16 48	23 30	19 13	15 6	18 49
13	2 37	17 4	2 17		7 53	16 50	23 9	20 27	14 53	18 46
14	3 34	♉ 1 51	3 21		7 58	16 53	22 48	21 40	14 36	18 43
15	☉ 4 31	16 44	4 12		8 3	16 55	22 27	22 54	14 15	18 40
16	5 29	♊ 1 40	4 45		8 8	16 57	22 7	24 8	13 51	18 37
17	6 26	16 24	4 58		8 13	16 58	21 48	25 21	13 25	18 33
18	7 23	♋ 0 51	4	D 53	8 18	17 0	21 28	26 35	12 57	18 30
19	8 21	14 54	4 29		8 23	17 1	21 9	27 48	12 27	18 27
20	9 18	28 29	3 51		8 28	17 2	20 50	29 2	11 54	18 24
21	10 16	♌ 11 35	3 1		8 33	17 3	20 32	♊ 0 15	11 20	18 21
22	☉ 11 13	24 15	2 4		8 38	17 4	20 14	1 28	10 48	18 18
23	12 10	♍ 6 34	1 3		8 43	17 5	19 56	2 42	10 16	18 14
24	13 7	18 35	0 S	0	8 48	17 5	19 40	3 55	9 44	18 11
25	14 4	♎ 0 26	1 2		8 54	17 R 6	19 25	5 9	9 14	18 8
26	15 2	12 12	2 1		8 59	17 6	19 10	6 23	8 45	18 5
27	15 59	23 57	2 55		9 5	17 6	18 56	7 36	8 18	18 2
28	16 56	♏ 5 49	3 41		9 11	17 5	18 43	8 49	7 53	17 59
29	☉ 17 53	17 50	4 18		9 16	17 5	18 31	10 3	7 31	17 55
30	18 51	♐ 0 5	4 45		9 22	17 4	18 19	11 16	7 11	17 52
31	19 48	12 29	4 58		9 28	17 3	18 7	12 30	6 55	17 49

The Latitude of the Planets.

Daies	N	A	S	A	S	A	S	D	N	D
1	0	56	0	41	0	34	1	17	2	7
6	0	56	0	42	0	49	1	9	1	22
11	0	56	0	44	1	4	1	0	0	S 26
16	0	56	0	45	1	20	0	52	1	5
21	0	56	0	46	1	33	0	40	2	31
26	0	56	0	48	1	47	0	29	3	42

Old-Style.	The Lunar Aspects. ☉	♄	♃	♂	♀	☿	The Planets mutuall Aspects.
		Occid.	Orient.	Orient.	Orient.	Occid.	
1 ♉ Jubilate			□ 13				
2	☌ 1 14			♂ 11			□ ♄ ♀ 3.
3 Invent. C.		△ 7				☌ 20	
4 Florian			✶ 0				
5 Gothard.							☾ ♄ ☉ ☌ ♂ ☉ 18
6				Occid.	△ 1		☿ ♄ ♂
7	△ 5			✶ 2			
8 ♉ Cantate		☌ 0	♃ 16		□ 13	△ 14	☊ ☊ ♀ ☿
9	□ 15 12						
10				□ 7	✶ 23	□ 19	□ ♅ ♀ 23
11 Mamer.	✶ 22			△ 10			☾ ☊
12		△ 9				✶ 20	
13 Servatius.			✶ 0				
14		□ 10					☾ perig.
15 ♉ Rogate			□ 0	☌ 10	♂ 10		☌ ♂ ♀ 17
16	♂ 6 38	✶ 11				☌ 19	☿ d ♅ ☉
17			△ 1				
18							☾ ♄ ♀
19 Ascen. D.				△ 11	✶ 1	✶ 23	
20	✶ 21	♂ 18					✶ ♄ ☉ 1
21			☌ 10	□ 17			
22 ♉ Exaudi.					□ 15	Orient.	♂ ☉ ☿ 17
23 Desider.	□ 12 7					✶ 6	
24				✶ 3			☿ d ♅ ♀
25 Urbanus		✶ 16					
26 Beda	△ 6		△ 10		△ 10	△ 16	✶ ♄ ☿ 14.
27							
28		□ 7	□ 22				☾ Apo. ♂ ☌ ☿ 1
29 ♉ Pentecost				♂ 1			✶ ♄ ☿ 8. △ ♅ ☉ 4
30 Wigam.		△ 18				☌ 13	Vc ♂ ☉
31 Petron.	☌ 14 58		✶ 8		☌ 0		

The Diurnall Motion of the Planets.

Dayes	☉	☾	Lati. ☾	♄	♃	♂	♀	☿	☊
	♊	♐	S. D.	♑	♒	♏	♋	♋	♓
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	20 45	25 9	4 56	9 34	17 2	17 57	13 43	6 44	17 46
2	21 42	8♑ 2	4 40	9 41	17 0	17 47	14 56	6 37	17 43
3	22 39	21 5	4 7	9 47	16 59	17 39	16 10	6D 35	17 40
4	23 36	4♒19	3 23	9 53	16 57	17 30	17 23	6 38	17 36
5 ☉	24 33	17 42	2 27	9 59	16 55	17 23	18 37	6 44	17 33
6	25 30	1♓12	1 22	10 5	16 53	17 16	19 51	6 57	17 30
7	26 27	14 53	0N 11	10 12	16 51	17 9	21 5	7 14	17 27
8	27 25	18 43	1 1	10 18	16 48	17 5	22 18	7 35	17 24
9	28 22	12♈46	2 11	10 24	16 46	17 1	23 31	8 2	17 21
10	29 19	27 00	3 15	10 30	16 43	16 58	24 45	8 33	17 17
11	0♋16	11♉25	4 16	10 37	16 41	16 57	25 58	9 12	17 14
12 ☉	1 13	25 54	4 40	10 43	16 38	16 56	27 12	9 54	17 11
13	2 10	10♊26	4D 57	10 50	16 34	16 56	28 25	10 39	17 8
14	3 7	24 52	4 57	10 56	16 30	16Di56	29 39	11 27	17 5
15	4 4	9♋4	4 37	11 3	16 27	16 57	0♋53	12 19	17 2
16	5 1	22 58	3 59	11 10	16 23	16 59	2 6	13 15	16 58
17	5 58	6♌27	3 10	11 17	16 19	17 2	3 20	14 17	16 55
18	6 55	19 32	2 13	11 24	16 15	17 5	4 34	15 24	16 52
19 ☉	7 52	2♍13	1 10	11 30	16 10	17 9	5 48	16 35	16 49
20	8 50	14 38	0S 5	11 37	16 △5	17 14	7 2	17 49	16 46
21	9 47	26 35	0 58	11 44	16 1	17 20	8 15	19 6	16 43
22	10 44	8♎28	1 58	11 51	15 56	17 27	9 29	20 28	16 39
23	11 41	20 13	2 53	11 58	15 50	17 35	10 43	21 53	16 36
24	12 38	2♏00	3 40	12 5	15 45	17 44	11 56	23 22	16 33
25	13 35	13 53	4 19	12 12	15 40	17 54	13 10	24 56	16 30
26 ☉	14 32	25 56	4 46	12 19	15 34	18 4	14 23	26 33	16 27
27	15 29	8♐14	5D 0	12 26	15 29	18 14	15 37	28 13	16 24
28	16 26	20 48	5 △2	12 33	15 23	18 25	16 51	29 57	16 20
29	17 23	3♑42	4 46	12 40	15 17	18 36	18 5	1♋45	16 17
30	18 21	16 52	4 18	12 47	15 11	18 47	19 19	3 34	16 14

The Latitude of the Planets.

Dates	☉ N	☉ A	☿ S	☿ A	♀ S	♀ A	♂ S	♂ D	♃ S	♃ A
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	0 56	0 49	2 00	0 14	4 19	4 D	18			
6	0 56	0 50	2 10	0 2	4					
11	0 56	0 51	2 18	0N 10	3 53					
16	0 56	0 52	2 24	0 22	3 5					
21	0 57	0 54	2 29	0 32	2 7					
26	0 57	0 55	2 33	0 42	1 0					

Old-Style.	The Lunar Aspects.						The Planets mutuall Aspects.
	☉	♄ Occid.	♃ Orient.	♂ Occid.	♀ Orient.	☿ Orient.	
1							
2 Marcel.				✶ 18			
3 Erasmus							△♃♀ 16
4		☍ 10	☌ 22	□ 23		△	
5 B Trinity	△ 13				△ 2		Bq☉♂. Vc♂♀
6						□	
7	□21 34			△ 4	□ 12		☾☊
8		△ 20				✶	
9 Medard.			✶ 7		✶ 19		Bq♂♀. ☾perig.
10 Onophri.	✶ 4	□ 23					
11			□ 9	☍ 9			♂statin □♃terè
12 B 1 p. Tri.							
13		✶ 1	△ 10			☌	✶ ♄ ☿ 6.
14 Valerius	☌14 56				☌ 9		
15 Vitus				△ 13			☿in digres. max.
16 Roland.							à ☉
17		☌ 9	☍ 18	□ 19		✶	
18							△♃☿ 16
19 B 2 p. Tri.	✶ 12				✶ 8		Vc ♄ ☿
20 Sylver.				✶ 5		□	☾☋
21							Bq ♃☉
22	□5 1	✶ 7	△ 15		□ 12		Bq ♃♀
23						△	SS☉♂ ☾Apo.
24 Joh Bapt.	△ 23	□ 20			△ 22		SS♄♀. Bq♂ ☿
25			□ 3	☌ 8			
26 B 3 p. Tri.							Vc♃♀☌☉♀13
27 7. Dorm.		△ 8	✶ 14		Occid.		Vc ♃☉
28						☍	
29 Pet. Pau.							△♂♀ 12
30	☍2 52			✶ 4	☍ 5		△☉♂ 14

The Diurnall Motion of the Planets.

Daies	☉	☾	Lati. ☾ S	Lati. ☾ D	♄	♃	♂	♀	☿	☊
	♋ D ′	♒ D ′	D ′	D ′	♌ D ′	♍ D ′	♍ D ′	♋ D ′	♋ D ′	♓ D ′
1	19 18	0 17	3 32		12 54	15 5	19 0	20 33	5 29	16 11
2	20 15	1 355	2 35		13 1	14 59	9 13	21 47	7 24	12 8
3 ☉	21 12	27 42	1 28		13 9	14 53	19 27	23 1	9 21	16 4
4	22 9	11♓36	0 N 15		13 16	14 47	19 42	24 15	11 19	16 0
5	23 6	25 33	0 59		13 23	14 40	19 58	25 29	13 18	15 57
6	24 3	9♈34	2 10		13 31	14 33	20 15	26 42	15 20	15 54
7	25 1	23 37	3 14		13 38	14 26	20 33	27 55	7 23	15 51
8	25 58	7♉41	4 7		13 45	14 19	20 5	29 9	9 28	15 47
9	26 55	21 47	4 44		13 53	14 11	21 10	0♌23	21 34	15 44
10 ☉	27 52	5♊53	5 D 4		14 1	14 4	21 29	1 37	23 40	15 41
11	28 49	19 57	5 6		14 8	13 57	21 48	2 51	25 46	15 38
12	29 47	3♋56	4 50		14 16	13 50	22 8	4 5	27 52	15 35
13	♌4	17 44	4 15		14 24	13 43	22 29	5 19	29 59	15 31
14	1 41	1♌18	3 29		14 31	13 36	22 50	6 33	2♌6	15 28
15	2 38	14 33	2 31		14 39	13 29	23 12	7 47	4 13	15 25
16	3 36	27 29	1 26		14 47	13 22	23 34	9 0	6 19	15 22
17 ☉	4 33	10♍6	0 S 19		14 55	13 14	23 56	10 14	8 23	15 19
18	5 30	22 73	0 47		15 2	13 6	24 19	11 28	10 26	15 15
19	6 27	4♎28	1 50		15 10	12 58	24 43	12 42	12 28	15 12
20	7 25	16 21	2 49		15 17	12 50	25 6	13 56	14 29	15 9
21	8 22	28 10	3 28		15 25	12 42	25 30	15 10	16 30	15 6
22	9 20	9♏57	4 20		15 33	12 34	25 54	16 24	18 29	15 3
23	10 17	21 50	4 50		15 41	12 27	26 20	17 38	20 25	15 0
24 ☉	11 14	3♐53	5 7		15 48	12 19	26 45	18 52	22 19	14 56
25	12 12	16 13	5 12		15 56	12 11	27 12	20 6	24 12	14 53
26	13 9	28 51	5 D 2		16 3	12 4	27 38	21 20	26 2	14 50
27	14 7	11♑49	4 35		16 11	11 56	28 5	22 35	27 50	14 47
28	15 4	25 11	3 54		16 19	11 48	28 33	23 49	29 36	14 44
29	16 2	8♒52	2 28		16 26	11 41	29 1	25 3	1♍20	14 41
30	17 0	22 52	1 50		16 34	11 33	29 30	26 16	3 3	14 37
31 ☉	17 57	7♓51	0 5		16 41	11 26	29 58	27 30	4 46	14 34

The Latitude of the Planets.

Daies	N	A	S	A	S	A	N	A	N	A
1	0	57	0	56	2	37	0	52	0	2
6	0	57	0	57	2	40	1	1	0	53
11	0	57	0	58	2	42	1	9	1	25
16	0	57	0	59	2	43	1	15	1 D	44
21	0	58	1	0	2	44	1	20	1	40
26	0	58	1	0	2	43	1	24	1	24

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♃ Orient.	♂ Occid.	♀ Occid.	☿ Orient.	The Planets mutuall Aspects.
1 2 Visit. M.		☍ 22	☌ 2	□ 9			Bq ♃☿
3 B 4 p. Trin. 4 Ulricus	△ 19			△ 14		△ 23	☾☊
5 Anshelm. 6		△ 7	✶ 8		△ 0	□ 11	Sb ♄☿. Vc ♃☿
7 8 Chilian	□ 2 34	□ 10	□ 11	☍ 23	□ 8		☾ perig. △ ♂☿ 19
9 10 B 5 p. Trin.	✶ 9	✶ 14	△ 14		✶ 16	✶ 0	☍ ♄ ♃ 6
11 Pius 12							Td ♂ ♀
13 Margar. 14	☌ 0 45		☍ 22	△ 8	☌ 10	Occid. ☌ 1	☌ ☉☿ 15
15 Divil. Ap. 16		☌ 0		□ 16			Td ♂☿
17 B 6 p. Tri. 18 Rosina				✶ 4			☾☋ (Td ☉ ♂
19 20	✶ 4	✶ 22	△ 17		✶ 18	✶ 19	☍ ♃♀. ☍ ♃☿ 7 (☌ ♄☿ 10
21 22 Mar. Mag.	□ 22 37	□ 11	□ 5		□ 15	□ 21	☾ Ap. ☌ ♄♀ 5
23 24 B 7 p. Trin.	△ 15	△ 23	✶ 12	☌ 9			
25 Jacobus 26 Anna			Occid		△ 8	△ 18	☍ ☉ ♃ 0
27 Martha 28				✶ 6			□ ♂☿ 5
29 30	☍ 13 11	☍ 14 Orient	☌ 5	□ 11	☍ 6	☍ 19	☌ ☉ ♄ 11 Q ♃ ♂
31 B 8 p. Tri.							

The Diurnall Motion of the Planets.

Daies.	☉ ♌ D	′	☾ ♓ D	′	Lati. ☾ N A D	′	♄ ♌ D	′	♃ ♒ D	′	♂ ♐ D	′	♀ ♌ D	′	☿ ♍ D	′	☊ ♓ D	′
1	18	55	21	25	0	44	16	49	11	18	0	27	28	45	6	27	14	31
2	19	52	5 ♈	50	2	0	16	57	11	11	0	56	29	59	8	6	14	28
3	20	50	20	12	3	9	17	4	11	3	1	25	1 ♍	13	9	41	14	25
4	21	48	4 ♉	29	4	6	17	13	10	55	2	56	2	27	11	19	14	22
5	22	45	18	37	4	46	17	20	10	48	2	26	3	41	12	54	14	18
6	23	43	2 ♊	38	5	9	17	28	10	40	2	57	4	55	14	28	14	15
7 ☉	24	41	16	28	5 D	15	17	35	10	33	3	28	6	9	16	0	14	12
8	25	39	0 ♋	10	5	3	17	43	10	25	4	0	7	23	17	30	14	9
9	26	37	13	42	4	33	17	50	10	18	4	31	8	37	18	59	14	6
10	27	34	27	2	3	47	17	58	10	11	5	3	9	51	20	26	14	3
11	28	32	10 ♌	11	2	52	18	6	10	4	5	35	11	5	21	53	13	59
12	29	30	23	6	1	50	18	14	9	58	6	8	12	19	23	17	13	56
13	0 ♍	28	5 ♍	46	0	42	18	21	9	51	6	41	13	34	24	40	13	53
14 ☉	1	26	18	13	0 S	27	18	29	9	44	7	14	14	48	26	2	13	50
15	2	24	0 ♎	26	1	34	18	36	9	37	7	47	16	2	27	22	13	47
16	3	22	12	27	2	35	18	44	9	31	8	21	17	16	28	40	13	44
17	4	20	24	22	3	29	18	51	9	24	8	55	18	31	29	56	13	40
18	5	18	6 ♏	12	4	14	18	58	9	18	9	29	19	45	1 ♎	11	13	37
19	6	16	18	2	4	46	19	6	9	12	10	3	20	58	2	24	13	34
20	7	14	29	56	5	8	19	13	9	7	10	37	22	13	3	36	13	31
21 ☉	8	12	11 ♐	58	5	17	19	21	9	1	11	12	23	27	4	46	13	28
22	9	10	24	15	5 D	12	19	28	8	55	11	47	24	41	5 ♑	54	13	25
23	10	9	6 ♑	49	4	51	19	36	8	49	12	22	25	55	7	0	13	21
24	11	7	19	49	4	14	19	43	8	44	12	58	27	9	8	3	13	18
25	12	5	3 ♒	12	3	24	19	50	8	38	13	34	28	23	9	4	13	15
26	13	3	17	6	2	21	19	57	8	33	14	10	29	37	10	2	13	12
27	14	2	1 ♓	10	1	8	20	5	8	28	14	46	0 ♎	51	10	58	13	9
28 ☉	15	0	15	41	0 N	12	20	12	8	23	15	22	2	5	11	52	13	6
29	15	59	0 ♈	25	1	32	20	19	8	18	16	0	3	20	12	42	13	2
30	16	57	15	16	2	47	20	27	8	14	16	37	4	34	13	30	13	59
31	17	56	0 ♉	4	2	31	20	34	8	10	17	14	5	48	14	14	12	56

The Latitude of the Planets.

Daies	N	A	S	A	S	A	N	A	N	D
1	0	58	1	1	2	44	1 D	26	0	52
6	0	58	1	1	2	43	1	26	0 S	46
11	0	59	1	2	2	42	1	24	0	26
16	1	0	1	2	2	40	1	21	1	10
21	1	0	1	2	2	38	1	16	1	53
26	1	1	1	2	2	35	1	9	2	35

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♃ Occid.	♂ Occid.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aspects.
1				△ 17			☾ perig.
2		△ 19	✶ 9				
3	△ 1				△ 21		Vc ♃☿. □♂♀7
4 Aristarchus		□ 22	□ 11			△ 13	
5 Oswald.	□7 36						
6			△ 14	☍ 1	□ 4	□ 23	
7 ♋ 9.p.Trin.	✶ 15	✶ 2					Bq ♃ ☿
8					✶ 14		SS ♄ ☿
9						✶ 11	
10 Laurent.				△ 16			Vc ♃ ♀
11		☌ 15	☍ 0				Td ♄♂.☉eclip
12 Clara	☌13 7						
13				□ 2	☌ 17		☾☊. ♀♂ ☿
14 ♋ 10.p.Trin.						☌ 17	Bq ♃ ♀
15 Asum. M.			△ 18	✶ 15			
16 Rochus		✶ 1					
17	✶ 22						☾Ap.SS♄♀.✶
18 Helena			□ 6				(♃♂17.
19 Sebaldus		□ 2			✶ 7		
20	□1551		✶ 18	☌ 22		✶ 8	
21 ♋ 11.p.Trin.		△ 15					Vc ♃☉
22					□ 1		
23 Zachæus	△ 6					□ 0	
24 Barthol.					△ 15		△ ♃☿ 15
25 Ludovi.			☌ 9	✶ 19		△ 11	☿ Elong. max.
26		☍ 5					
27	☍2 248			□ 23			Bq ♃☉.☾☊(
28 ♋ 12 p. Tri.							☾eclips. vis.
29 Decol. Jo.			✶ 13		☍ 5	☍ 21	□♂☉0
30		△ 8		△ 2			♀♂ ♀
31 Paulinus			□ 13				☾ Apog.

The Diurnall Motion of the Planets.

Daies.	☉		☾		Lati. ☾		♄		♅		♂		♀		☿		☊	
	N		♍		♑		♌		♒		♐		♎		♎		♓	
	D	′	D	′	°	′	D	′	D	′	D	′	D	′	D	′	D	′
1		18	54	14	45	4	38	20	41	8	5	17	51	7	2	14	53	12	53
2		19	53	29	9	5	6	20	48	8	1	18	29	8	16	15	27	12	50
3		20	51	13	♊18	5	17	20	55	7	57	19	7	9	30	15	57	12	46
4	☉	21	50	27	7	5D	9	21	2	7	55	19	45	10	44	16	23	12	43
5		22	48	10	♋38	4	42	21	9	7	51	20	23	11	59	16	44	12	40
6		23	47	23	51	4	2	21	16	7	48	21	1	13	13	17	0	12	37
7		24	46	6	♌56	3	8	21	23	7	44	21	39	24	27	17	9	12	34
8		25	45	19	37	2	8	21	30	7	41	22	18	15	41	17	11	12	30
9		26	43	2	♍10	1	2	21	37	7	38	22	57	16	55	17	6	12	27
10		27	42	14	31	0	S 6	21	44	7	36	23	36	18	9	16	53	12	24
11	☉	28	41	26	45	1	13	21	50	7	34	24	14	19	23	16	34	12	21
12		29	40	8	♎49	2	16	21	57	7	31	24	53	20	37	16	11	12	18
13		0	♎39	20	48	3	12	22	4	7	29	25	32	21	50	15	40	12	15
14		1	38	2	♏42	4	0	22	10	7	28	26	12	23	5	15	2	12	11
15		2	37	14	33	4	36	22	17	7	26	26	52	24	20	14	12	12	8
16		3	36	26	26	5	0	22	22	7	25	27	33	25	34	13	18	11	5
17		4	35	8	♐22	5	14	22	29	7	24	28	13	26	48	12	17	11	2
18	☉	5	34	20	24	5D	12	22	35	7	23	28	53	28	2	11	10	11	59
19		6	33	2	♑40	4	57	22	41	7	22	29	34	29	16	10	0	11	56
20		7	32	15	11	4	27	22	47	7	21	0	♑15	0	♏30	8	49	11	52
21		8	31	28	4	3	42	22	53	7	21	0	55	1	44	7	38	11	49
22		9	31	11	♒20	2	46	22	59	7	20	1	36	2	58	6	29	11	46
23		10	30	25	5	1	38	23	6	7	Di 20	2	17	4	12	5	25	11	43
24		11	29	9	♓15	0	N 23	23	12	7	20	2	58	5	27	4	27	11	40
25	☉	12	29	23	51	0	57	23	18	7	20	3	39	6	41	3	36	11	37
26		13	28	8	♈46	2	14	23	23	7	21	4	20	7	55	2	55	11	33
27		14	28	23	53	3	23	23	29	7	21	5	1	9	9	2	23	11	30
28		15	27	9	♉2	4	18	23	35	7	22	5	42	10	23	2	2	11	27
29		16	27	24	5	4	54	23	41	7	23	6	24	11	37	1	Di 54	11	24
30		17	26	8	♊56	5	10	23	46	7	24	7	6	12	51	1	57	11	21

The Latitude of the Planets.

Daies	N	A	S	A	S	A	N	D	S	A
1	1	2	1	2	2	33	1	0	3	20
6	1	3	1	2	2	30	0	50	3	45
11	1	3	1	2	2	27	0	40	3 D	46
16	1	4	1	1	2	24	0	29	3	15
21	1	5	1	1	2 D	20	0	16	1 N	55
26	1	5	1	1	2	16	0	3	0	9

Old-Style.	The Lunar Aſpects. ☉	♄ Orient.	♃ Occid.	♂ Occid.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aſpects.
1	△ 7	□ 10	△ 15		△ 17		△ ♃ ♀ 19
2 Veronicus							
3	□ 14 6	✶ 13		☌ 11		△ 4	SS ☉ ♄
4 ♎ 13. p. Trin.							
5					□ 3	□ 11	
6 Magnus	✶ 0						△ ♄ ♂ 12
7 Regin.			☌ 2	△ 5	✶ 15	✶ 19	
8 Nat. Mar.		☌ 4					
9 Gorgon							☌ ☿ ☿ 4. ☾ ♉
10				□ 18			
11 ♎ 14. p. Tri.	☌ 4 10		△ 21				Td ♃ ♀
12						☌ 14	
13		✶ 2		✶ 10	☌ 2		✶ ♄ ♀ 5
14 Exalt. Cr.			□ 9				☾ Ap. ☌ ♂ ☿
15 Nicod.		□ 16					
16 Euphem	✶ 15		✶ 22				
17						✶ 6	
18 ♎ 15 p. Tri.		△ 4		☌ 18	✶ 16		(13
19	□ ☌ 6					□ 12	△ ☉ ♃ 20. ✶ ♂ ☿
20 Fauſta						Orient	☌ ☉ ☿ 14
21 Matthew	△ 20		☌ 17		□ 7	△ 15	△ ♃ ♀ 3
22 Maurit.		☌ 20					
23 Eſdra				✶ 13	△ 17		☌ ♄ ♀. SS ☿ ☿
24							△ ♂ ♀ 23. ☾ ♌
25 ♎ 16. p. Tri.			✶ 21	□ 16		☌ 14	□ ♃ ♀ 13
26 Cyprian	☌ 7 58	△ 23					
27 Coſ. Da.			□ 21	△ 18			
28		□ 23			☌ 2		☾ Perig.
29 Michael.			△ 22			△ 13	
30 Hierom	△ 15						SS ♃ ♂

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lati. ☾ N	Lati. ☾ D	♄	♃	♂	♀	☿	☊
	D ′	D ′	D ′		D ′	D ′	D ′	D ′	D ′	D ′
1	♎ 18 26	♑ 23 16	5	6	♑ 23 52	♒ 7 26	♑ 7 48	♍ 14 5	♎ 2 10	♓ 11 18
2 ☉	19 25	♒ 7 11	4	44	23 57	7 28	8 29	15 19	2 31	11 15
3	20 25	20 46	4	5	♒ 24 3	7 30	9 11	16 33	3 0	11 11
4	21 25	♓ 3 14	3	15	24 8	7 32	9 53	17 47	3 40	11 8
5	22 25	16 43	2	17	24 13	7 35	♑ 10 35	♎ 19 1	4 29	11 5
6	23 24	29 13	1	13	24 18	7 37	11 16	20 15	5 24	11 2
7	24 24	♈ 11 30	0	S 7	24 23	7 40	11 59	21 29	6 26	♓ 10 58
8	25 24	23 39	0	58	24 29	7 44	♑ 12 42	22 43	7 35	10 55
9 ☉	♎ 26 24	♉ 5 39	2	0	♒ 24 34	7 47	13 25	♎ 23 57	8 48	♓ 10 52
10	27 24	17 36	2	56	24 39	7 51	14 8	25 11	♍ 10 6	10 49
11	28 24	29 29	3	48	24 43	7 55	14 51	26 25	11 28	♓ 10 46
12	29 24	♈ 11 23	4	24	24 48	7 58	15 34	27 39	12 55	10 43
13	♏ 0 24	23 17	4	48	♒ 24 53	♑ 8 2	♑ 16 16	♎ 28 52	♍ 14 25	♓ 10 39
14	1 24	♉ 5 14	5	D 3	24 58	8 6	16 59	♏ 0 6	15 56	10 36
15	2 24	17 15	5	5	♑ 25 2	♑ 8 11	♑ 17 42	1 20	♎ 17 29	♓ 10 33
16 ☉	3 24	29 22	4	50	25 6	8 15	18 25	2 34	19 4	10 30
17	4 24	♈ 11 39	4	26	♑ 25 10	♑ 8 20	♑ 19 8	♎ 3 48	♍ 20 40	♓ 10 27
18	5 24	24 10	3	46	25 14	8 25	19 52	5 1	22 17	10 24
19	6 24	♊ 6 57	2	55	♑ 25 18	♑ 8 30	♑ 20 36	♍ 6 15	♎ 23 54	♓ 10 20
20	7 24	20 6	1	53	25 22	8 35	21 19	7 29	25 31	10 17
21	8 25	♋ 3 40	0	44	♑ 25 26	♑ 8 40	♑ 22 3	♎ 8 43	♍ 27 9	♓ 10 14
22	9 25	17 40	0	N 30	25 30	8 46	22 47	9 56	28 47	10 11
23 ☉	♎ 10 25	♌ 2 7	1	45	♑ 25 34	♑ 8 51	♑ 23 31	♍ 11 10	♏ 0 26	♓ 10 8
24	11 26	16 58	2	55	25 38	8 57	24 14	12 24	2 4	10 5
25	12 26	♍ 2 7	3	54	♑ 25 41	♑ 9 3	♑ 24 58	♍ 13 38	♎ 3 42	♓ 10 1
26	13 26	17 22	4	37	25 45	9 9	25 42	14 52	5 19	9 58
27	14 27	♎ 2 37	4	D 58	♑ 25 48	♑ 9 15	♑ 26 25	♍ 16 16	♎ 6 56	♓ 9 55
28	15 27	17 37	4	59	25 51	9 22	27 9	17 19	8 33	9 52
29	16 28	♏ 2 14	4	41	♑ 25 54	♑ 9 29	♑ 27 53	♍ 18 33	♍ 10 10	♓ 9 49
30 ☉	♎ 17 28	16 25	4	5	25 57	9 36	28 37	19 47	11 47	9 46
31	18 29	♐ 0 6	3	17	♑ 26 0	♑ 9 43	♑ 29 21	♍ 21 0	♎ 13 24	♓ 9 42

The Latitude of the Planets.

Daies	N	A	S	A	S	D	S	A	N	A
1	1	6	1	0	2	12	0	11	1	3
6	1	6	0	59	2	7	0	25	1	43
11	1	7	0	59	2	2	0	39	2	D 1
16	1	8	0	58	1	58	0	53	1	53
21	1	9	0	58	1	53	1	6	1	31
26	1	10	0	57	1	47	1	19	1	1

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♅ Occid.	♂ Occid.	♀ Occid.	☿ Orient.	The *Planets* mutuall Aspects.
1		✶ 1				□ 15	
2 ♎ 17. p. Tri.	□ 23 20	.		☌ 2	△ 16		☿d ☉ ♅
3							
4 Franciſc.			☌ 7			✶ 0	
5	✶ 12	☌ 14			□ 5		(motio from ☉
6 Fides							☿in greateſtre(
7				△ 1	✶ 22		△☉♄ o. ☾☌
8							△♅☿ 3
9 ♎ 18 p. Trin'			△ 4	□ 16		☌ 7	□♄☿13
10 Gedeon	☌ 21 38	✶ 14					♀♅☿
11 Burchar.			□ 17				☾ Apog.
12 Colman				✶ 9			
13		□ 3			☌ 12		
14 Calixtus			✶ 6				
15		△ 15				✶ 50	△☌☿ 6
16 ♎ 19 p. Tri.	✶ 8						☿d ♅☿
17				☌ 15		□ 19	Bq ♄☌
18 Lucas	□ 2 25 3				✶ 22		
19 Ptolem.			☌ 3				☍☍☌.✶♄☿(
20		☌ 9				△ 10	22.✶♄☿23(♀
21 Urſula.	△ 8				□ 9		☉♄□♅6.☾☌
22				✶ 9			
23 ♎ 20 p. Tri.			✶ 11		△ 16		
24 Salome		△ 14		□ 12			
25 Criſpin.	☌ 17 25		□ 11			☌ 2	☾perig. ☿d♄☿
26 Amand.		□ 13		△ 14			♀☌☌. ♀☉☌
27			△ 10		☌ 23		♀♄ ☿
28 ✠ Sim. Jude		✶ 12					□♅☿13
29						△2 15	
30 ♎ 21 p. Tri.	△ 2			☌ 22			
31			☌ 17				

The Diurnall Motion of the Planets.

Daies.	☉ ♏	☾ ♌	Lati. ☾ N	☾ S	♄ ♌	♅ ♒	♂ ♒	♀ ♐	☿ ♏	☊ ♓
	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	19 30	13 19	2 10	26 2	9 50	0 6	22 14	15 0	9 39	
2	20 30	26 5	1 15	26 5	9 57	0 50	23 27	16 36	9 36	
3	21 31	8♐32	0☽11	26 8	10 5	1 34	24 41	18 13	9 33	
4	22 32	20 43	0 53	26 11	10 12	2 18	25 54	19 49	9 30	
5	23 33	2♑42	1 53	26 13	10 20	3 3	27 7	21 25	9 27	
6 ☉	24 33	14 36	2 49	26 16	10 28	3 47	28 21	23 1	9 23	
7	25 34	26 27	3 36	26 18	10 36	4 32	29 35	24 36	9 20	
8	26 35	8♍18	4 15	26 20	10 44	5 17	0♍48	26 11	9 17	
9	27 36	20 13	4 42	26 22	10 52	6 2	2 2	27 46	9 14	
10	28 37	2♎12	4☽56	26 23	11 1	6 47	3 15	29 21	9 11	
11	29 37	14 16	4 57	26 25	11 9	7 31	4 29	0♐56	9 8	
12	0♐38	26 26	4 46	26 27	11 18	8 16	5 42	2 30	9 4	
13 ☉	1 39	8♏45	4 20	26 29	11 27	9 1	6 56	4 4	9 1	
14	2 40	21 11	3 40	26 31	11 36	9 46	8 9	5 37	8 58	
15	3 41	3♒48	2 54	26 32	11 45	10 30	9 22	7 11	8 55	
16	4 42	16 37	1 55	26 33	11 54	11 15	10 35	8 44	8 52	
17	5 43	29 43	0 49	26 34	12 4	12 0	11 48	10 18	8 49	
18	6 44	13♓ 7	0N15	26 35	12 13	12 45	13 2	11 52	8 45	
19	7 45	26 55	1 32	26 36	12 23	13 30	14 15	13 26	8 42	
20 ☉	8 46	11♈ 7	2 40	26 37	12 33	14 15	15 28	15 0	8 39	
21	9 47	25 42	3 39	26 38	12 43	15 0	16 41	16 34	8 36	
22	10 48	10♉50	4 23	26 38	12 53	15 45	17 54	18 7	8 33	
23	11 49	25 50	4☽50	26 39	13 3	16 30	19 7	19 41	8 30	
24	12 50	10♊31	4 59	26 39	13 13	7 15	20 20	21 14	8 26	
25	13 51	25 50	4 44	26 39	13 23	18 1	21 33	22 46	8 23	
26	14 53	10♋31	4 12	26R 39	13 34	8 46	22 46	24 19	8 20	
27 ☉	15 54	24 47	3 23	26 39	13 44	19 31	23 58	25 51	8 17	
28	16 55	8♌35	2 26	26 39	13 55	20 16	25 11	27 26	8 14	
29	27 56	21 54	1 22	26 38	14 6	21 2	26 24	28 59	8 11	
30	18 57	4♍46	0 15	26 38	14 17	21 47	27 37	0♍33	8 7	

The Latitude of the Planets.

Daies	N	A	☽	A	S	L	S	A	N	A
1	☓	18	0	57	1	43	1	33	0	19
6	1	13	0	57	1	38	1	43	0 S	14
11	1	15	0	57	1	33	1	51	0	45
16	1	16	0	57	1	28	1	57	1	15
21	1	17	0	56	1	23	2D	2	1	39
26	1	19	0	56	1	18	2	4	1	58

Old-Style.	The Lunar Aspects. ☉	☽ ♄ Orient.	☽ ♅ Occid.	☽ ♂ Occid.	☽ ♀ Occid.	☽ ☿ Orient	The *Planets* mutuall Aspects.
1	□ 1 23 8				△ 18	□ 3	
2 Animarum		♂ 0					
3 Theophilie						✶ 22	☾☌♃
4	✶ 4				□ 11		♀♂☿ △♄♀ 6
5			△ 15	△ 1			
6 ♓ 22 p. Tri.							
7 Florent.		✶ 0		□ 17	✶ 7		□☉♄ 18
8			□ 5				☾Ap. □♄☿ 2(
9 Theod.	♂ 16 10	□ 10				♂ 17 Occid.	♀♅☿(♂☉☿ 17
10			✶ 17	✶ 10			
11 Mamert.		△ 0			☌ 18		
12							
13 ♓ 23. p. Tri.							☾☌♃
14 Frideri							
15 Leopold.	✶ 0		♂ 15	☍ 13		✶ 7	(ऽऽ ♂♀
16		♂ 18					
17	□ 11 37					□ 22	♂♅♂ȝऽऽ♅♀(
18 Gelasius					✶ 0		✶ ♅☿ 6
19	△ 19						Td♄♀ ✶♂☿ 2
20 ♓ 24. p. Trl.			✶ 2	✶ 5	□ 8	△ 7	
11		△ 18					ऽ♀ ☿
22			□ 4	□ 8	△ 12		☾ Perig.
23 Clement.		□ 2					(11
24	♂ 13 25		△ 4	△ 11		♂ 19	Bq ♄♀. ✶☉♅
25 Cathar.		✶ 2					Td ☉♄
26					♂ 22		
27 ♈ 1 Advent							△ ♅☿ 12
28	△ 16		☌ 9	♂ 22			
29 Saturn.		♂ 9				△ 15	Ve ♄ ♀
30 Andrew							☾☌♃

The Diurnall Motion of the Planets.

Dates	☉	☾	Lati. ☾	♄	♃	♂	♀	☿	☊
	D ′	D ′	S ′	D ′	D ′	D ′	D ′	D ′	D ′
1	♑ 19 59	♍ 17 11	0 51	♐ 26 37	♏ 14 28	♑ 22 32	♑ 28 50	♐ 2 7	♐ 8 4
2	21 0	29 26	1 52	26 37	14 39	23 17	♒ 0 2	3 40	8 1
3	22 1	♎ 11 14	2 49	26 36	14 52	24 3	1 14	5 13	♐ 7 58
4 ☉	23 2	23 15	3 37	26 35	15 2	24 48	2 27	6 46	7 55
5	24 3	♏ 5 3	4 15	26 35	15 14	25 33	3 39	8 18	7 52
6	25 4	16 54	4 42	26 34	15 26	26 19	4 51	9 50	7 48
7	26 6	28 51	4D 57	26 33	15 38	27 4	6 3	♓ 11 21	7 45
8	27 7	♐ 10 54	5 0	26 31	15 50	27 49	7 16	12 52	7 42
9	28 8	23 9	4 48	26 30	♐ 16 2	28 34	8 28	14 21	7 39
10	♑ 29 10	♑ 5 33	4 22	26 29	16 14	29 20	9 39	15 50	7 36
11 ☉	♑ 0 11	18 3	3 44	26 27	16 26	♑ 0 5	♑ 10 51	17 17	7 32
12	1 12	♒ 0 19	2 55	26 25	16 38	0 50	12 2	18 44	7 29
13	2 14	13 42	1 55	26 23	16 50	1 35	13 14	20 8	7 26
14	3 15	26 45	0 49	26 21	17 2	2 21	14 26	21 30	7 23
15	4 16	♓ 9 59	0N 20	26 19	17 14	3 6	15 38	22 50	7 20
16	5 17	23 28	1 31	26 17	17 27	3 51	16 49	24 9	7 17
17	6 19	♈ 7 10	2 38	26 15	17 39	4 36	18 0	25 24	7 13
18 ☉	7 20	21 9	3 37	26 13	17 52	5 21	19 11	26 34	7 10
19	8 21	♉ 5 15	4 23	26 11	18 5	6 7	20 22	27 36	7 7
20	9 23	19 57	4 52	26 8	18 18	6 52	21 34	28 35	7 4
21	♑ 10 24	♊ 4 38	5 4	26 6	♐ 18 31	7 38	22 46	29 31	7 1
22	11 25	19 24	4D 56	26 3	18 44	8 23	23 57	♒ 0 20	6 58
23	12 27	♋ 4 6	4 28	26 0	18 57	9 8	25 7	1 0	6 54
24	13 28	18 35	3 42	25 57	19 10	9 53	26 18	1 30	6 51
25 ☉	14 29	♌ 2 46	2 44	25 54	19 22	10 38	27 28	1 51	6 48
26	15 30	16 32	1 37	25 51	19 35	11 24	28 38	2R 2	6 45
27	16 31	29 54	0S 27	25 48	19 48	12 8	29 48	2 2	6 42
28	17 33	♍ 12 50	0 42	25 45	♐ 20 1	12 54	♑ 0 58	1 51	6 39
29	18 34	♎ 25 23	1 47	25 42	20 15	13 39	2 8	1 30	6 35
30	19 35	♏ 7 37	2 47	25 38	20 28	14 24	3 18	0 57	6 32
31	♑ 20 37	19 36	3 38	25 35	♐ 20 41	15 9	4 27	0 14	6 29

The Latitude of the Planets.

Dates	N	A	S	A	S	D	S	D	S	A
1	1	20	0	54	1	13	2	4	2 D	10
6	1	20	0	55	1	8	2	2	2	13
11	1	21	0	55	1	3	1	58	2	2
16	1	22	0	54	0	58	1	51	1	33
21	1	23	0	54	0	52	1	41	0N	39
26	1	23	0	54	0	46	1	29	0	32

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♃ Occid.	♂ Occid.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aspects.
1	□ ♌ 5 51				△ 1	□ ♍ 10	
2 Candidus							
3	✶ 23		△ 7				
4 ♒ 2 Advent		✶ 7		△ 3	□ 21		
5			□ 21			✶ 7	☾ Apog.
6 Nicol.		□ 19		□ 20			♂ ♄ ♂ 8
7					✶ 16		△ ☉ ♄ 10
8 Con. Mar.			✶ 10	✶ 11			
9 Joachim	♂ 10 30	△ 7					
10						♂ 22	SS ♃ ☿. ✶ ☉ ♂
11 ♒ 3 Advent							(15
12 Epimach.					♂ 23		
13 Lucia		♂ 23	♌ 6				Bq ♄ ☿.
14 Nicasius	✶ 13			♂ 10			
15							
16	□ 22 23					✶ 1	♂ ♃ ♀ 15 ☾ ☊
17			✶ 18		✶ 20		Vc ♄ ☿
18 ♒ 4 Advent		△ 8				□ 9	
19	△ 5		□ 21	✶ 1			☿ Elong. max.
20		□ 10			□ 3	△ 15	☾ perig.
21 Thō. Apo.			△ 22	□ 6	△ 8		
22 Theod.		✶ 11					
23	♂ 14 52			△ 9			♂ ♄ ♀ 17
24						♂ 22	
25 ♒ Nat. D.							
26 Stephen.		♂ 16	♂ 6				
27 John Evā.					♂ 0		☾ ♍
28 Innocents	△ 10			♂ 0			SS ☿ ☿
29						△ 11	
30 Divid							Bq ☉ ♄
31 Sylvest.	□ ♌ 5 52	✶ 11	△ 2				SS ☉ ♃

The Radices of the middle motions of the Planets January 1, 1653. *at noone, in the Meridian of* London, *according to* HARMONICON COELESTE.

	S	D	′	″
The progreſſion of the firſt ✶ of ♈ from the Vernall Equinox.	00	28	20	17
The meane Longitude of the ☉	9	21	21	2
The Aphelion of the ☉	3	6	36	53
The meane Longitude of the ☾	2	19	59	46
The Aphelion of the ☾	6	5	9	16
The Node aſcend. of ☾	11	25	45	18
The meane motion of ♄	4	4	39	36
The Aphelion of ♄	8	27	9	36
The Node aſcend. of ♄	3	21	3	51
The meane motion of ♃	9	29	40	54
The Aphelion of ♃	6	8	46	25
The Node aſcend. of ♃	3	5	37	16
The meane motion of ♂	6	00	56	27
The Aphelion of ♂	5	00	3	11
The Node aſcend. of ♂	1	17	21	16
The meane motion of ♀	6	2	32	12
The Aphelion of ♀	10	5	9	58
The Node aſcend. of ♀	2	13	30	36
The meane motion of ☿	1	3	37	9
The Aphelion of ☿	8	14	18	45
The Node aſcend. ☿	1	13	48	00

End of the Ephemeris *for the year of the Chriſtian Æra* 1653.

AN

EPHEMERIS

OF

The Cœleſtiall Motions: for the Yeare of the Chriſtian Æra, M DC LIV.

Whereto are numbred from

		YEARS
The	Creation of the World	5603
	Generall Deluge	3947
	Building of *London*	2761
	Death of *Alexander* the Great	1977
	Conſtitution of the *Julian* Year	1698
	Paſſion and death of Chriſt	1621
	Hegyra or flight of *Mahomet*	1063
	Correction of the Kalender by P. *Gregorie.*	72
	Biſſextile *or* Leap-year.	2

JULIAN.		GREGORIAN.
2	The Golden Number.	2
11	Cycle of the Sunne.	11
A	Dominicall Letter.	D
7	Roman Indiction.	7
22	Epact.	12
5	Number of Direction.	8
Januar. 22	Septuageſima.	1 *Februar*
Februa. 8	*Dies Cinerum.*	18 *Februa.*
March 26	Eaſter day.	5 *Aprill*
Aprill 30	Rogation Sunday.	10 *May*
May 4	Aſcenſion day.	14 *May.*
May 14	Whitſunday.	24 *May*
Decem. 3	Advent Sunday.	29 *Novem.*

Authore VINCENTIO WING, *Philomathematico.*

LONDON,
Printed by ROBERT and WILLIAM LEYBOURN, for the Company of STATIONERS: 1652.

Of the ECLIPSES 1654.

THere will appear (to us who inhabite this Earthy ſtarre) four Eclipſes this preſent year, two of the Sun, and as many of the Moon, three of which will be viſible in our Britiſh Hemiſphere.

The firſt to us is a nonviſible Solar Eclipſe upon the 7 of *February*, neer our 6 a clock in the morning, and though it cannot be viſible to us, yet it will be conſpicuous to ſuch as as ſail on the South *Indian* Sea, and to them who inhabite the *Lucach*, *Beach*, and *Maleter* Kingdomes, the Iſlands, *Des Romeros*, and the Provinces of *India*, &c.

The ſecond is of the Moon, upon the 21 day of *February*, in the morning, and wil be ſeen at *London*.

The Calculation.

		D	H	′	″
The middle ☌ of the Luminaries	*February*	21	0	0	26
The Interval l of the middle and true ☌	*ſu.*		5	33	0
The middle time of the true ☌	*Febr.*	20	18	27	26
The coæqnate Anomalie of the ☉			8	5	26	3
The coæquate anomalie of the ☾			9	19	15	39
The place of the ☉ from the earth			♓	13	1	15
The place of the ☾ in her Orbite			♍	13	1	15
The Argument of the ☾ latitude			6	9	16	59
The true latitude of the ☾	*South Deſc.*				48	20
Reduction			*ſu.*		2	14
The place of ☾ in the Ecliptique			♍	12	59	2
Hourly motion of ☉					2	30
Hourly motion of ☾					32	15
Hourly motion of ☾ from ☉					29	45
The time of Reduction			*ad.*		4	30
The exact time of the true ☌	*Feb.*	20	18	31	56
The Æquation of time			*ſu.*		9	8
The apparent time of the true ☌	*Febr.*	20	18	22	48
The Semidiameter of the ☾					16	1
The Semidiameter of the earths ſhadow					43	3

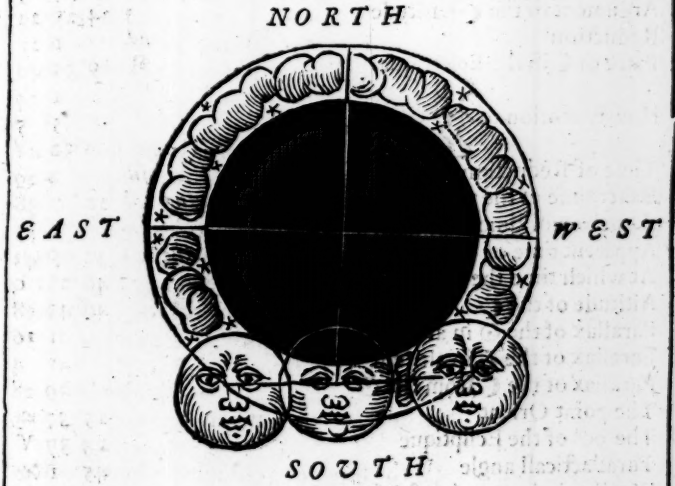
The

		H	′	″
The ſumme of the Semidiameters			59	4
The Part Deficient			10	44
The Digits eclipſed	*dig*	4	1	15
The minutes of Incidence			33	57
The time of Incidence	*ho.*	1	8	28
Totall Duration		2	16	56
The Interval of the middle of the Eclipſe, & true ☌	*ſu.*		8	30

Hence,

The beginning of the Eclipſe	17	5	50
The middle or greateſt Obſcuration	18	14	18
The true ☌	18	22	48
The End	19	22	46
Latitude of the Moon at { Beginning *S. D.*		45	10
{ End *S. D.*		51	30

A Type of this Eclipſe.



This Eclipſe will be obſerved at *London*, but in part, for before the

the end thereof, the Moon sets in the West, but it will appear in their Meridian who are under the Longitude 287d 25′ 30″, namely to those people and inhabitants in the Regions of *Florida*, *Parvana in America*, &c. So on the contrary, those people shall see her rise Eclipsed who dwell in *New-Guinea*, the Islands *De la Drones*, and in the Kingdome of *Quivira*, but in *England Scotland*, *France*, *Spaine*, and such places as lie under and neer the same parallel with us, it will appear in her going down, *in occasu Lunæ eclipsatæ*.

The third is a great Eclipse of the ☉ upon the second of *August*, in the forenoon, which will be very conspicuous at *London*.

		D	H	′	″
The mean ☌ of the Luminaries	*August*	2	10	2	44
Interval of the mean and true ☌		♌	11	52	37
Middle time of the true ☌	*August*	1	22	10	7
Cœquate Anomalie of ☉		1	13	36	52
Cœquate Anomalie of the ☾		8	7	39	7
Place of the Luminaries from the Earth		♌	19	34	25
Argument of the ☾ Latitude		5	24	25	22
Reduction		*ad.*		1	21
Place of ☾ in the Ecliptique		♌	19	35	46
Hourly motion of ☉				2	24
Hourly motion of ☾				35	5
Hourly motion of ☾ from ☉				32	41
Time of Reduction		*su.*		2	29
Exact time of the true ☌	*Aug.*	1	22	7	38
Æquation of time		*su.*		6	55
Apparent time of the true ☌ at *London*	*Aug.*	1	22	0	43
At which time the altitude of the ☉ is			46	23	0
Altitude of the ☾			46	43	38
Parallax of the ☉ in altitude				1	36
Parallax of the ☾ in altitude				41	4
Parallax of the ☾ from the ☉				39	28
The point Orient			15	37	♎
The 90d of the Ecliptique			15	37	♈
Parallacticall angle			45	1	46
Parallax in longitude of ☾ from ☉				27	54

The

	D	H	′	″
Parallax in latitude of ☾ from ☉			27	55
To one hour before the true ☌ *viz.*		21	0	43
Altitude of the ☉ is		38	58	39
Altitude of the ☾		39	44	5
Parallax of the ☾ from ☉			44	12
Point Orient		15	2	♎
The Nonagesime degree		15	2	♈
Parallactical angle		37	20	58
Parallax of the ☾ from ☉ in longitude			35	9
Parallax of the ☾ from ☉ in latitude			26	49
Difference of the *Parallaxis Longitudinis*			7	15
Therefore the visible hourly motion of ☾ from ☉			25	26
W^ch subst. frō *Paral long.* at time of the true ☌ leaveth			2	28
To one hour 15′ before the true ☌, *viz.* *August*	I	20	45	43
Altitude of the ☉ is		36	54	6
Altitude of the ☾		37	46	27
Parallax of the ☾ from ☉			45	23
Point Orient		2	24	♎
The 90^d		2	24	♈
Parallactical angle		36	0	43
Parallax of the ☾ from ☉ in longitude			36	43
Parallax of the ☾ from ☉ in latitude			26	41
Motion of ☾ from ☉ in 15′			8	10
Difference of the *Parallaxis long* in 15′ *Subst.*			1	34
Visible motion of ☾ from ☉ in 15′ given			6	36
By wch dividing the Paral. before remaining it giveth			5	29
Therefore the Intervall of the true and visible ☌ is		1	5	29
Hence the visible conjunction happeneth *August*	I	20	55	14
At which time the altitude of the ☉ is		38	13	36
The altitude of the moon		39	1	44
Parallax of the sun in altitude			1	50
Parallax of the moon in altitude			46	29
Parallax of the moon from sun			44	39
Point Orient		4	5	♎
The 90^d of the Ecliptique		4	5	♑
Parallactical angle		36	51	56
Parallax of moon from sun in longitude			35	43
Parallax of moon from sun in latitude			26	47
True distance of the sun and moon			35	43

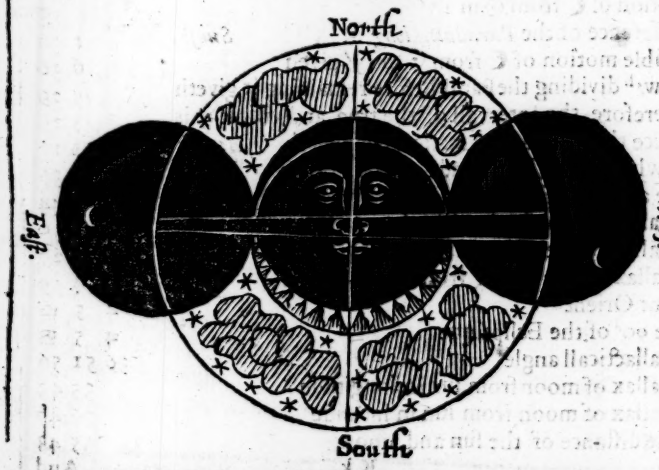
And becauſe the Evection of ☾ from ☉ exactly equa[illegible]eth the *Parallaxis Longit.* it proveth the viſible ☌ is punctually obteined.

		D	H	′	″
Argument of ☾ latit. at time of the viſible ☌		5	23	46	56
True latitude of the Moon	*North*			32	27
Hence her apparent latitude	*North*			5	40
Semidiameter of the ſun				16	14
Semidiameter of the moon				16	32
Aggregate of the Semidiameters				32	46
Part deficient				27	6
Digits eclipſed	*Dig.*		10	0	59
Minutes of Incidence				32	16
Time of Incidence			1	11	37
Time of Emerſion			1	18	13
Totall duration			2	29	50
Diſt. of the middle of the Eclipſe from the viſible ☌	*ad.*			1	10

Therefore

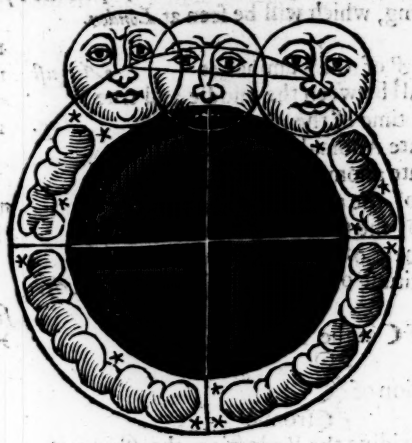
		H	′	″
The beginning of the Eclipſe at *London*	*Morning*	7	44	47
The viſible conjunction		8	55	14
The middle or greateſt Obſcuration		8	56	24
The End.		10	14	37

Latitude of the Moon ſeen at	Beginning	*N.D.*	9	9
	End	*N.D.*	0	10



The fourth is an Eclipse of the Moon, upon the 17d of *August* in the Evening, which will be seen at *London*.

		D	H	′	″
The middle ☌ of the Luminaries	*August*	17	4	24	44
The Intervall between the middle and true ☌		*ad.*	6	20	52
The middle time of the true ☌	*Aug.*	17	10	45	36
The coæquate Anomalie of the ☉			1 28	44	54
The coæquate Anomalie of the ☾			2 25	44	21
True place of the ☉ from the earth		♍	4	32	15
True place of the ☾ in her Orbite		♓	4	32	15
The Argument of the ☾ latitude			0 10	12	30
The true latitude of the ☾	*North Asc.*			53	6
Reduction		*su.*		2	27
The place of ☾ in the Ecliptique		♓	4 29	48	
Hourly motion of ☉				2	25
Hourly motion of ☾				33	14
Hourly motion of ☾ from ☉				30	49
By which dividing the Reduction, the *Quotus* is		*ad.*		4	46
The time of the true ☌ corrected	*Aug.*	17	10	50	22
The Æquation of time		*su.*		4	1
The apparent time of the true ☌	*Aug.*	17	10	46	21
The Semidiameter of the ☾				16	30
The Semidiameter of the earths shadow				43	58
The summe of the Semidiameters				60	8
The Part Deficient				7	2
The Digits eclipsed		*dig*	2	36	37
The minutes of Incidence				28	13
The time of Incidence				54	56
Totall Duration			1	49	52
The Interval of the true ☌, & greatest obscuration		*su.*		8	59
Hence					
The beginning at *London*			9	42	26
The middle, or greatest obscuration			10	37	22
The true ☌			10	46	21
The end and full recovery of ☉ shine			11	32	18
Latitude of the Moon at Beginning	*North-Ascend.*			50	29
Latitude of the Moon at End	*North-Ascend.*			55	43



Thoſe people that are removed from *London* towards the Eaſt, $1^h\ 22'\ 38''$, ſhall ſee the middle of this Eclipſe in their meridian, as in *Hungarie*, *Scicilie*, the extremity of *Italie*, *Poland*, and ſuch places as are ſubjacent to the longitude of $41^d\ 39'\ 30''$.

The Calculation of the third ☽ ☊ that will happen this year.

January 16^d — $\left\{\begin{matrix} 9^h\ 45'\ 0''\ T\ M. \\ 9\ 33\ 11\ T\ A. \end{matrix}\right\}$ in ♌ $24^d\ 28'\ 4''$

		S	D	′	″
The mean longitude of the ☉		10	6	17	48
The Aphelion of the ☉		3	6	37	57
The mean Anomalie		6	29	39	51
Æquation	*Adde*		1	1	58
The ☉ true place from the Earth		♒	7	19	46
Diſtance of Earth from ☉.			98468		

The

	♄ S	D	′	″	♃ S	D	′	″
The middle motion from the Æquinox	4	17	24	9	11	1	18	17
Aphelion	8	27	10	59	6	8	47	27
Meane Anomalie	7	20	13	10	4	22	30	50
Absolute Æquation	ad	5	16	57	su.	3	31	11
Excentrique place	4	22	41	6	10	27	47	6
Node Ascend.	3	21	4	29	3	5	37	30
Argument of latitude	1	1	36	37	7	22	9	36
Reduction	su.		1	30	su.			28
Ecliptique place from ☉	4	22	39	36	10	27	46	38
Place of ☉ from the Earth	10	7	19	46	10	7	19	46
Anomalie of Commutation	5	14	40	10	11	9	33	8
Parallax of the Earths Orbe	ad	1	48	27	su.	3	18	34
True place from the Earth	4	24	28	4	10	24	28	4
The Ecliptique distance from ☉	919893				5026 51			
Inclination of the Orbe	NA.	1	18	53	S.	1	4	37
True latitude from the earth	No.	1	25	55	South	54	30	

The Compute of the ☌ ♄ ♂, that will happen this year.

September 2d — { 20h 15′ 0″ *T M.* / 20 15 50 *T A.* } in 2d 44′ 7″ ♍

	S	D	′	″
The middle motion of the ☉	5	22	26	29
Aphelion of the ☉	3	6	38	36
The mean Anomalie	2	15	47	53
The absolute Æquation	Substr.	1	58	20
True place of ☉ from the Earth	♍	20	28	9
Distance of earth from ☉	100470			

	♄ S	D	′	″	♂ S	D	′	″
Middle motion from the Æquiuox	4	25	5	16	4	20	32	30
Place of the Aphelion,	8	27	11	50	5	0	5	13
Mean Anomalie	7	27	53	26	11	20	27	17
Æquation	ad	5	46	54	ad	1	35	27
Excentrique place	5	0	52	10	4	22	7	57
Node Ascend.	3	21	4	51	1	17	22	18
Argument of latitude	1	9	47	19	3	4	45	39
Reduction	su.		1	39	ad			8
True place from the ☉	5	0	50	31	4	22	8	5
True place of ☉ from the earth	5	20	28	9	5	20	28	9
Anomalie of Commutation	0	19	37	38	0	28	20	4
Parallax of the earths Orbe	ad	1	53	36	ad	10	36	2
True place from the Earth	5	2	44	7	5	2	44	7
Distance curtated from ☉	926104				166359			
Inclination	NA.	1	36	17	ND	1	50	40
True latitude from the earth	Nor.	1	27	19	Nor.	1	11	2

This

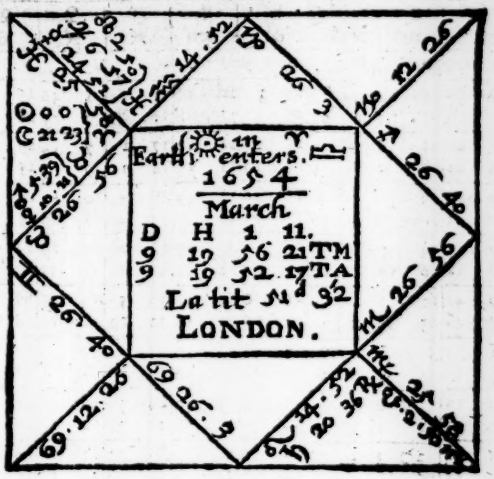
This year, upon the 11d of *September*, the morning ſtarre *Veneris* meets the *Lyons-heart*, in 25d 2′ 37″ *Leo*, and becauſe it is almoſt ecliptically, and may be ſeen in the morning before the Suns riſing I ſhall here inſert the Calculation thereof.

Time given { 18h 50′ 00″ T. M. / 18 53 48 T. A.

		☉	D	′	″
Mean motion of the ☉		6	1	15	14
His Aphelion		3	6	38	38
Mean Anomalie		2	24	36	36
Æquation	*ſubſtract*		2	2	0
Suns place from the earth		♎	29	13	14
His diſtance from the earth			100194		
Middle motion of ♀		3	3	56	12
Her Aphelion		10	5	11	29
Mean Anomalie		4	28	44	43
Æquation	*ſubſtract*			24	53
Excentrique place		3	3	31	19
Her Node Aſcend.		2	13	31	37
Argument of latitude		0	19	59	42
Reduction	*ſubſtract*			1	54
Place of ♀ from ☉ in the Ecliptique		3	3	29	25
Place of ☉	*ſubſtract*	5	29	13	14
Anomaly of Commutation		9	4	16	11
Parallax of the Earths Orbe	*ſubſtract*	1	4	10	37
True place of ♀ from the earth		4	25	2	37
Inclination of ♀ north			1	9	20
Her true diſtance from the ☉			71879		
The true latitude of ♀ from the earth,	*North Aſc.*			39	4

The latitude of the *Lyons-heart*, is 26′ ⅓ North, and by this Calculation, the latitude of *Venus*, is 39′ 4″ North, hence *Venus* will be elevated above the *Lyons-heart*, towards the North 12′⅓, which her parallax will ſomewhat diminiſh, though not fully 2′, let time prove the verity of the Calculation.

The



The exact time of the Earths ingresse into the other three Cardinall Signes.

		H	′	″	
Earth ♈, ☉ ♋, *June* 10d	{	22	59	11	*T M*
	{	22	58	45	*T A.*
Earth ♎, ☉ ♑, *September* 12d	{	13	53	15	*T M*
	{	13	57	19	*T A*
Earth ♋, ☉ ♈, *December* 11d	{	1	25	14	*T M*
	{	1	25	40	*T A.*

The Diurnall Motion of the Planets.

Daies.	☉	☽	Lat. ☽	♄	♃	♂	♀	☿	☊
	♑	♍	S	♌	♒	♓	♓	♑	♓
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	21 38	8 27	4 19	25 31	20 54	15 54	5 36	29 20	6 25
2	22 39	13 15	4 47	25 27	21 8	16 39	6 45	28 18	6 22
3	23 40	25 6	5 D 4	25 23	21 22	17 24	7 54	27 8	6 19
4	24 42	♐ 3	5 9	25 19	21 35	18 10	9 3	25 54	6 16
5	25 43	19 12	5 0	25 16	21 49	18 55	10 12	24 37	6 13
6	26 44	♑ 33	4 36	25 12	22 3	19 40	11 20	23 18	6 9
7	27 45	14 7	3 58	25 8	22 17	20 25	12 29	22 3	6 6
8 ☉	28 46	26 58	3 10	25 4	22 31	21 10	13 37	20 51	6 3
9	29 47	♒ 2	2 9	25 0	22 44	22 55	14 45	19 45	6 0
10	♒ 48	23 18	1 0	24 56	22 58	22 39	15 53	18 46	1 57
11	1 50	♓ 46	0 N 13	24 52	23 12	23 24	17 2	17 57	5 54
12	2 51	20 23	1 26	24 48	23 26	24 9	18 9	17 11	5 50
13	3 52	♈ 8	2 35	24 44	23 40	24 54	19 16	16 37	5 47
14	4 53	18 1	3 36	24 40	23 54	25 38	20 23	16 17	5 44
15 ☉	5 54	♉ 3	4 25	24 36	24 7	26 22	21 30	16 7	5 41
16	6 55	16 8	4 58	24 31	24 21	27 8	22 36	16 D 5	5 38
17	7 56	♊ 20	5 12	24 26	24 36	27 52	23 43	16 9	5 35
18	8 57	14 35	5 D 9	24 21	24 50	28 37	24 49	16 20	5 31
19	9 58	28 51	4 45	24 17	25 5	29 22	25 55	16 38	5 28
20	10 59	♋ 5	4 4	24 12	25 19	♈ 7	27 1	17 2	5 25
21	12 0	27 9	3 10	24 7	25 33	0 51	28 6	17 31	5 22
22 ☉	13 1	♌ 9	2 5	24 2	25 47	1 36	29 11	18 7	5 19
23	14 1	24 32	0 53	23 57	26 1	2 20	♈ 16	18 47	5 16
24	15 2	♍ 46	0 S 19	23 52	26 16	3 5	1 20	19 32	5 12
25	16 3	20 39	1 29	23 48	26 31	3 49	2 24	20 21	5 9
26	17 4	♎ 12	2 33	23 43	26 45	4 33	3 27	21 13	5 6
27	18 5	15 28	3 29	23 38	27 0	5 18	4 30	22 8	5 3
28	19 5	27 31	4 14	23 33	27 14	6 2	5 34	23 5	5 0
29 ☉	20 6	♏ 24	4 48	23 29	27 28	6 46	6 37	24 6	4 56
30	21 7	21 15	5 8	23 24	27 42	7 31	7 40	25 9	4 53
31	22 8	♐ 5	5 D 17	23 19	27 56	8 15	8 42	26 15	4 50

The Latitude of the Planets.

Daies	☽ N	☽ A	☿ S	☿ A	♀ S	♀ D	♂ S	♂ D	♃ N	♃ A
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	1 25	0 54	0 42	1 10	2 20					
6	1 26	0 54	0 37	0 52	3 D 20					
11	1 27	0 54	0 32	0 32	3 19					
16	1 28	0 55	0 28	0 N 9	2 38					
21	1 29	0 55	0 23	0 17	1 44					
26	1 30	0 55	0 18	0 44	0 49					

Old-Style.	The Lunar Aſpects. ☉	♄ Orient.	♅ Occid.	Occid.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aſpects.
1 ♑ Circumc.				△ 9	△ 9		
2	✶ 21		□ 16	△ 7			☾ Apog.
3		□ 0				✶ 3	
4 Teleſpho				□ 23	□ 4		Vc ♄ ☿. ☌ ☉ ☿ 18
5 Simeon		△ 12	✶ 5			Orient.	
6 Epiphany					✶ 20		SS ♅ ☿
7.				✶ 13		☌ 14	✶ ☌ ☿ 20
8 ♑ 1 p. Epiph.	☌ 3 39						
9			♐ 23				Bq ♄ ☿
10 Paul Er.		☌ 3					☾ ☊
11 Hygynus					☌ 19	✶ 18	✶ ♀ ☿ 12
12				☌ 7			Vc ♄ ☌
13 Hilarius	✶ 0					□ 21	
14		△ 11	✶ 10				
15 ♑ 2 p. Epip.	□ 7 4						
16 Marcel.		□ 14	□ 14	✶ 20	✶ 12	△ 0	☍ ♄ ♅ 10. ☾ per.
17 Anton.	△ 14						☋ ☌ ☿
18 Priſca.		✶ 16	△ 17		□ 17		SS ♅ ☿
19				□ 1			
20						☍ 7	Bq ♄ ☌
21				△ 7	△ 2		Bq ♄ ☿
22 ♑ 3 p. Epip.	☍ 3 36	☐ 23					
23			☍ 3				
24 Timoth.							
25 Conv. P.						△ 0	☋ ☿
26 Polycarp.				☍ 3	☍ 0		
27	△ 6	✶ 16	△ 23			□ 14	Elong. max.
28							Vc ♄ ☿, ☿ in ☌
29 ♑ Sexag.	□ 23 44						☌ ☌ ☿ 3
30 Adelg.		□ 4	□ 13			△ 9	☾ Apog.
31				△ 11	△ 11		☋ ☌ ☿

The Diurnall Motion of the Planets.

Daies.	☉		☾		Lati. ☾ S	D	♄		♃		♂		♀		☿		☊	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	23	8	15	1	5	11	23	14	28	12	8	59	9	43	27	23	4	47
2	24	9	27	9	4	52	23	9	28	26	9	43	10	44	28	34	4	44
3	25	9	9♍	33	4	18	23	4	28	40	10	27	11	44	29	46	4	41
4	26	10	23	13	3	31	22	59	28	55	11	11	12	44	1♎	1	4	37
5 ☉	27	11	5♎	13	2	38	22	54	29	9	11	55	13	44	2	16	4	34
6	28	11	18	34	1	26	22	49	29	24	12	39	14	43	3	33	4	31
7	29	12	2♏	11	0N	12	22	44	29	38	13	23	15	43	4	53	4	28
8	0♓	12	16	6	1	5	22	40	29	52	14	7	16	42	6	13	4	25
9	♈	12	0♐	12	2	19	22	35	0♓	6	14	51	17	40	7	34	4	22
10	2	13	14	29	3	23	22	30	0	21	15	35	18	38	8	55	4	18
11	3	13	28	48	4	17	22	25	0	35	16	19	19	35	10	18	4	15
12 ☉	4	13	13♑	3	4	55	22	21	0	50	17	3	20	32	11	42	4	12
13	5	14	27	13	5D	15	22	16	1	4	17	47	21	28	13	8	4	9
14	6	14	11♒	20	5	16	22	11	1	18	18	30	22	23	14	36	4	6
15	7	14	25	19	4	57	22	7	1	35	19	14	23	18	16	3	4	2
16	8	14	9♓	12	4	23	22	2	1	47	19	57	24	12	17	33	3	59
17	9	15	22	55	3	30	21	57	2	2	20	41	25	5	19	4	3	56
18	10	15	6♈	29	2	28	21	53	2	16	21	25	25	57	20	35	3	53
19 ☿	11	15	19	53	1	20	21	48	2	30	22	8	26	49	22	9	3	50
20	12	15	3♉	4	0S	8	21	44	2	45	22	52	27	40	23	42	3	47
21	13	15	16	0	1	4	21	39	2	59	23	35	28	30	25	16	3	43
22	14	15	28	40	2	10	21	35	3	14	24	18	29	19	26	51	3	40
23	15	15	11♋	9	3	10	21	31	3	28	25	2	0♉	8	28	30	3	37
24	16	15	23	24	3	58	21	27	3	42	25	45	0	56	0♓	9	3	34
25	17	15	5♌	28	4	37	21	23	3	57	26	28	1	44	1	49	3	31
26 ☉	18	15	17	25	5	2	21	19	4	11	27	11	2	31	3	30	3	28
27	19	14	29	15	5D	14	21	15	4	25	27	54	3	16	5	11	3	24
28	20	14	11♍	6	5	14	21	11	4	39	28	37	4	0	6	54	3	21

The Latitude of the Planets.

Daies	N	A	S	A	S	D	N	A	S	A
1	1	30	0	55	0	13	1	20	0	10
6	1	30	0	55	0	9	1	51	0	50
11	1	30	0	56	0	5	2	23	1	25
16	1	30	0	56	0	1	2	57	1	50
21	1	31	0	57	0N	3	3	33	2	7
26	1	31	0	57	0	7	4	6	2	12

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♆ Occid.	♂ Occid.	♀ Occid.	☿ Orient.	The *Planets* mutuall Aspects.
1	✶ 18	△ 16					☊☊♆.♂☉♄♃
2 Purif. Mary		Occid.	✶ 2				♀☿☿
3				□ 2	□ 4		♀ in her greatest
4						♂ 18	Elong from ☉
5 ♓ Ettomini				✶ 12	✶ 16		
6 Doroth.	♂1810	♂ 7	♄ 19				Eclipf. ☉ invif.
7							♂☉♆14 ☾♌
8			Orient				
9 Apollon.						✶ 13	
10 Scholaft.		△ 14		♂ 2	♂ 7		
11	✶ 8		✶ 3			□ 21	
12 ♓ Invocavit		□ 16					☾ perig.
13	□1441		□ 7				△♄♀ 19
14 Valentine		✶ 19		✶ 13	✶ 20	△ 6	
15 Fauftin.	△ 22		△ 11				
16 Juliana				□ 20			
17					□ 4		
18							(19 △♄♂18 ☌♄☿
19 ♓ Romin.		♂ 4	☌ 23	△ 18	△ 14	☌ 4	✶☌☿ ☉
20	☌1831						☾♌
21							
22 Cath. P.							
23		✶ 20					
24 Matthias			△ 21	☌ 5	☌ 16	△ 15	✶♀☿ 22
25							
26 ♓ Oculi	△ 2						♂♆☿11 ☾Ap.
27 Leander			□ 11			□ 14	Td ♄♀
28 Roman	□2021	△ 20					Vc ♄☉

The Diurnall Motion of the Planets.

Daies.	☉ ♓	☾ ♐	Lati. ☾ S	☾ ♑	♄ ♑	♅ ♓	♂ ♍	♀ ♉	☿ ♓	☊ ♓
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	21 14	23 2	5 0	21 7	4 53	29 20	4 42	8 38	3 18	
2	22 14	5♍ 7	4 32	21 3	5 7	0♉ 3	5 24	10 23	3 15	
3	23 13	17 27	3 50	20 59	5 21	0 46	6 5	12 9	3 12	
4	24 13	0♒ 6	2 57	20 56	5 35	1 29	6 44	13 57	3 9	
5 ☉	25 13	13 7	1 54	20 52	5 49	2 11	7 23	15 46	3 5	
6	26 12	26 33	0 44	20 49	6 3	2 54	8 1	17 36	3 2	
7	27 12	10♓ 25	0N 33	20 45	6 17	3 37	8 37	19 28	2 59	
8	28 11	24 39	1 49	20 41	6 31	4 20	9 12	21 21	2 56	
9	29 11	9♈ 9	2 59	20 38	6 45	5 3	9 45	23 14	2 53	
10	0♈ 10	23 53	3 59	20 35	6 59	5 46	10 16	25 10	2 50	
11	1 10	8♉ 40	4 41	20 32	7 13	6 27	10 46	27 8	2 46	
12 ☉	2 9	23 22	5 D 8	20 29	7 27	7 10	11 15	29 7	2 43	
13	3 8	7♊ 52	5 12	20 26	7 41	7 52	11 42	1♈ 8	2 40	
14	4 8	22 9	4 59	20 23	7 55	8 35	12 8	3 9	2 37	
15	5 7	6♋ 9	4 25	20 20	8 9	9 17	12 32	5 11	2 34	
16	6 6	19 50	3 38	20 18	8 23	10 0	12 54	7 14	2 31	
17	7 5	3♌ 17	2 40	20 15	8 37	10 42	13 13	9 18	2 27	
18	8 4	16 28	1 35	20 12	8 50	11 25	13 31	11 22	2 24	
19 ☉	9 3	29 27	0S 25	20 10	9 4	12 7	13 47	13 26	2 21	
20	10 2	12♍ 14	0 44	20 8	9 17	12 49	14 1	15 29	2 18	
21	11 1	24 50	1 50	20 6	9 30	13 31	14 12	17 33	2 15	
22	12 0	7♎ 18	2 50	20 4	9 43	14 13	14 22	19 36	2 12	
23	12 59	19 33	3 42	20 2	9 56	14 55	14 30	21 37	2 8	
24	13 58	1♍ 42	4 22	20 0	10 9	15 37	14 35	23 38	2 5	
25	14 57	13 44	4 50	19 58	10 22	16 19	14 R 37	25 37	2 2	
26 ☉	15 56	25 39	5 [illegible]	19 57	10 35	17 1	14 37	27 34	1 59	
27	16 55	7♎ 31	5D 8	19 55	10 48	17 43	14 35	29 30	1 56	
28	17 54	19 23	4 56	19 53	11 1	18 25	14 31	1♉ 23	1 53	
29	18 52	1♏ 18	4 33	19 52	11 14	19 7	14 24	3 14	1 49	
30	19 51	13 22	3 57	19 51	11 27	19 49	14 15	5 3	1 46	
31	20 50	25 39	3 9	19 50	11 40	20 31	14 2	6 46	1 43	

The Latitude of the Planets.

Daies	☿ N	☿ A	♀ S	♀ A	♂ N	♂ A	♃ N	♃ A	♄ S	♄ A
1	1	31	0	58	0	8	4	27	2 D	11
6	1	31	0	58	0	11	5	0	2	0
11	1	31	0	59	0	15	5	31	1	34
16	1	31	0	59	0	18	5	59	0	55
21	1	31	1	0	0	21	6	22	0	3
26	1	31	1	1	0	24	6	38	0 N	45

Old-Style.	The Lunar Aſpects. ☉	♄ Occid.	♅ Orient.	♂ Orient	♀ Occid.	☿ Orient.	The *Planets* mutuall Aſpects.
1 2 Simplic.			✶ 0	△ 14	△ 1	✶ 12	✶ ♅♀ 9
3 4 Adrian	✶ 12			□ 3	□ 13		
5 ♓ Lætare 6 Fridelin.		☌ 14	☌ 17	✶ 12	✶ 21		☽d ♄ ☌ ☽Bq ☉ ♄ ☌ ☊
7 Perpet. 8	☌ 16 18					☌ 17	
9 10 Alexand.		△ 19	✶ 20	☌ 20			
11 12 ♓ Judica	✶ 15	□ 19			☌ 4	✶ 11	✶ ♅☌ 15 ☾Per
13 Euphraſ. 14	□ 22 7	✶ 21	□ 0			□ 22	☌ ☉ ☿ 23
15 16 Cyriacus.			△ 3	✶ 8	✶ 11	Occid.	SS ♅ ☿
17 Gertrud 18	☌ 7	☾ 7		□ 14	□ 19	△ 13	SS ☌ ☿
19 ♓ Palm. 20			☌ 18	△ 1	△ 4		SS ☉ ♅ ☾ ♉
21 Benedic. 22	☌ 10 1						△ ♄ ☿ 5. ☌ ☌ ♀ 6
23 24		✶ 1	△ 17			☌ 5	SS ☉ ☍ ☿
25 Annun. Ma. 26 ♓ Paſcha		□ 12		☌ 6	☌ 2		
27 28	△ 20	△ 1	□ 7				☾ Apog. ☽d ♄ ☿
29 Euchſtach. 30 Guidon.	□ 13 46		✶ 20	△ 13	△ 2	△ 5	SS ☉ ☌ △ ♄ ☌ 1 △ ☉ ♄ ☊
31							

The Diurnall Motion of the Planets.

Daies.	☉ ♈		☾ ♒		Lati. ☾ S	D	♄ ♎		♃ ♓		♂ ♉		♀ ♉		☿ ♉		☊ ♓	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	21	48	8	21	2	11	19	49	11	53	21	12	13	48	8	28	1	40
2 ☉	22	46	21	11	1	5	19	48	12	5	21	54	13	32	10	6	1	37
3	23	45	4♓	35	0 N	6	19	48	12	18	22	35	13	13	11	40	1	34
4	24	44	18	27	11	9	19	47	12	30	23	17	12	52	13	9	1	30
5	25	42	2♈	45	2	30	19	46	12	42	23	59	12	29	14	34	1	27
6	26	40	17	21	3	33	19	46	12	54	24	40	12	2	15	55	1	24
7	27	39	2♉	29	4	23	19	45	13	7	25	21	11	34	17	14	1	21
8	28	37	17	39	4	53	19	45	13	19	26	2	11	4	18	26	1	18
9 ☉	29	36	2♊	45	5	3	19	44	13	31	26	44	10	33	19	30	1	15
10	0♉	34	17	39	4D	54	19	44	13	44	27	25	10	0	20	28	1	11
11	1	32	2♋	13	4	24	19D	44	13	56	28	6	9	26	21	22	1	8
12	2	31	16	23	3	40	19	44	14	8	28	47	8	51	22	11	1	5
13	3	29	0♌	8	2	43	19	45	14	19	29	28	8	16	22	55	1	2
14	4	27	13	29	1	39	19	45	14	31	0♊	9	7	39	23	34	0	59
15	5	25	26	30	0 S	31	19	45	14	42	0	50	7	1	24	7	0	56
16 ☉	6	23	9♍	13	0	36	19	46	14	54	1	31	6	22	24	34	0	52
17	7	22	21	44	1	40	19	46	25	5	2	12	5	43	24	56	0	49
18	8	20	4♎	4	2	39	19	47	15	17	2	53	5	5	25	14	0	46
19	9	18	16	16	3	30	19	48	15	28	3	34	4	29	25	25	0	43
20	10	16	28	22	4	11	19	45	15	39	4	15	3	54	25	31	0	40
21	11	14	10♏	22	4	40	19	50	11	50	4	56	3	19	25 R	30	0	37
22	12	12	22	20	4	56	19	51	16	2	5	37	2	45	25	28	0	33
23 ☉	13	18	4♐	15	5	0	19	52	16	13	6	18	2	13	25	18	0	30
24	14	8	16	9	4D	50	19	54	16	24	6	58	1	42	25	3	0	27
25	15	5	28	4	4	28	19	55	16	34	7	39	1	13	24	43	0	24
26	16	3	10♑	3	3	58	19	57	16	45	8	20	0	45	24	21	0	21
27	17	1	22	8	3	8	19	59	16	56	9	1	0♈	19	23	55	0	18
28	17	59	4♒	24	2	15	20	0	17	6	9	41	29	55	23	26	0	14
29	18	56	16	55	1	12	20	2	17	16	10	22	29	33	22	54	0	11
30 ☉	19	54	29	47	0	6	20	4	17	26	11	2	29	15	22	19	0	8

The Latitude of the Planets.

Daies	N	A	S	A	N	A	N	D	N	A
1	1	30	1	1	0	28	6	42	1	46
6	1	30	1	2	0	30	6	30	2	28
11	1	29	1	3	0	33	5	58	2	48
16	1	29	1	4	0	36	5	11	2 D	35
21	1	28	1	5	0	38	4	6	1	54
26	1	28	1	6	0	41	2	53	0	47

Old-Style.	The Lunar Aſpects. ☉	♄ Occid.	♄ Orient.	♂ Occid.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aſpects.
1		♂ 21			□ 10		
2 ✠ Quaſim.	✶ 3			□ 1			☾☊
3			♂ 13		✶ 14	✶ 14	✶♅♀12 ♂♀7
4 Ambroſ.				✶ 8			✶♅♀15
5							
6	♂15 48	△ 4					☌♅♂
7 Egeſip.			✶ 14		♂ 14		
8		□ 3		♂ 14		♂ 2	
9 ✠ Miſ. Dom.			□ 17				♄ ſtat in □ ♀ 6
10	✶ 22	✶ 3					♀ in Elong. max.
11			△ 20		✶ 12		☌d ☉ ♄
12 Julius				✶ 23		✶ 12	
13 Juſtinus	□6 29				□ 14		
14 Tiburt.		♂ 12				□ 19	
15	△ 18			□ 9	△ 19		☾☌☌
16 ✠ Jubilate			☍ 11		Orient		♂☉♀☍
17				△ 22		△ 6	
18 Valerian.							
19		✶ 7					☍☍ ♂♀
20					☍ 10		
21	☍1 54	□ 19	△ 11				
22						☍ 6	
23 ✠ Cantate				☍ 4			☌d ♄ ♀
24 Adelb.		△ 8	□ 1				
25 Marc.					△ 6		☾♄ ♂
26	△ 13		✶ 13				✶☉♅15
27 Anaſt.					□ 15	△ 4	
28 Vital.				△ 11			
29	□4 4	♂ 6			✶ 22	□ 10	
30 ✠ Rogate				□ 22			□☉♄4. ☾☊

The Diurnall Motion of the Planets.

Daies.	☉	☽	Lati. ☽ N	Lati. ☽ A	♄	♃	♂	♀	☿	☊
	♈ D ′	♓ D ′	D ′	D ′	♑ D ′	♐ D ′	♊ D ′	♈ D ′	♉ D ′	♓ D ′
1	20 52	13 4	1 5	20 6	17 36	11 43	29 0	21 41	0 5	
2	21 50	26 49	2 11	20 8	17 46	12 24	28 47	21 4	0 2	
3	22 47	11♈2	3 14	20 11	17 56	13 4	28 35	20 27	29♒59	
4	23 45	25 44	4 6	20 13	18 6	13 45	28 25	19 5	29 55	
5	24 43	10♉47	4 42	20 16	18 15	14 25	28 19	19 5	29 52	
6	25 40	26 4	4 58	20 18	18 24	15 5	28 15	18 48	29 49	
7 ☉	26 38	11♊22	4 D52	20 21	18 33	15 46	28 14	18 20	29 46	
8	27 35	26 30	4 27	20 24	18 43	16 26	28 14	17 54	29 43	
9	28 33	11♋19	3 43	20 27	18 52	17 6	28 17	17 32	29 40	
10	29 30	25 43	2 47	20 30	19 1	17 46	28 21	17 13	29 37	
11	0♊28	9♌37	1 42	20 33	19 10	18 26	28 28	16 57	29 33	
12	1 25	23 4	0♋33	20 36	19 19	19 6	28 37	16 45	29 30	
13	2 23	6♍5	0 35	20 40	19 28	19 36	28 48	16 37	29 27	
14 ☉	3 20	18 45	1 40	20 43	19 36	20 26	29 1	16D32	29 24	
15	4 18	1♎9	2 39	20 47	19 44	21 6	29 17	16 33	29 21	
16	5 15	13 19	4 30	20 50	19 52	21 46	29 35	16 38	29 17	
17	6 12	25 21	4 10	20 53	20 0	22 26	29 56	16 46	29 14	
18	7 10	7♏20	4 37	20 57	20 8	23 6	0♌17	16 59	29 11	
19	8 7	19 14	4 54	21 1	20 16	23 46	0 40	17 17	29 8	
20	9 4	1♐8	4D59	21 5	20 24	24 25	1 4	17 39	29 5	
21 ☉	10 2	13 5	4 50	21 8	20 32	25 5	1 28	18 5	29 2	
22	10 59	25 3	4 27	21 13	20 39	25 45	1 56	18 36	28 58	
23	11 56	7♑4	3 54	21 17	20 47	26 25	2 24	19 11	28 55	
24	12 53	19 9	3 8	21 21	20 54	27 5	2 55	19 50	28 52	
25	13 50	1♒20	2 14	21 25	21 1	27 44	3 27	20 35	28 49	
26	14 48	13 42	1 14	21 29	21 8	28 24	4 1	21 22	28 46	
27	15 45	26 16	0N8	21 34	21 14	29 3	4 36	22 15	28 43	
28 ☉	16 42	9♓7	0 59	21 38	21 21	29 43	5 11	23 11	28 38	
29	17 39	22 19	2 6	21 43	21 27	0♋23	5 48	24 10	28 35	
30	18 36	5♈54	3 7	21 48	21 33	1 2	6 26	25 13	28 32	
31	19 34	19 58	3 59	21 53	21 39	1 42	7 6	26 18	28 29	

The Latitude of the Planets.

Daies	N	A	S	A	N	A	N	D	S	A
1	1	28	1	7	0	43	1	45	0	36
6	1	27	1	8	0	47	0	S 41	2	1
11	1	27	1	9	0	47	0	19	3	4
16	1	26	1	11	0	50	1	7	3	46
21	1	26	1	12	0	52	1	47	3	D 56
26	1	25	1	13	0	54	2	19	3	44

Old-Style.	The Lunar Aſpects. ☉	♄ Occid.	♃ Orient.	♂ Occid.	♀ Orient	☿ Occid.	The *Planets* mutuall Aſpects.
1	✶ 14		♐ 8			✶ 15 Orient.	♂ ☉ ☿ 13
2							
3 Invent. C.		△ 15		✶ 3			□ ♄ ☿ 11
4 Florianus					♂ 4		
5 Gothard.	♂ 23 20	□ 15	✶ 12			♂ 13	☾ Perig.
6							✶ ♃ ☿ 15 (
7 ✠ Exaudi		✶ 13	□ 11	♂ 7			
8 Staniſl.					✶ 3		☍ ☉ ♀
9			△ 12			✶ 10	☍ ♂ ☿
10	✶ 7				□ 5		
11 Mamer.		♂ 20		✶ 17		□ 13	♀ ♃ ☉
12 Pancrat.	□ 16 38				△ 10		□ ♃ ♂ 10 ♌
13						△ 20	
14 ✠ Pẽtecoſt			♂ 1	□ 3			✶ ♄ ♂ 12
15 Sophia	△ 6	✶ 15		△ 18			
16					♂ 9		
17						♂ 20	
18 Potent.							
19 Bernard		□ 4	△ 2				☾ Ap ☍.
20	♂ 17 20						♀ ♄ ☉
21 ✠ Trinity		△ 16	□ 15				
22				♂ 1	△ 14		
23 Delider.						△ 2	
24			✶ 3				
25 Urbanus					□ 4		☌ ♄ ☿ ✶ ♃ ☿ 15
26 Beda	△ 12	♂ 15				□ 16	□ ♄ ☿ 3
27				△ 5	✶ 16		☾ ☊
28 ✠ Whitſ. Tri.	□ 14 51		♂ 22				
29				□ 15		✶ 4	☿ in his greateſt
30 Wigam.	✶ 23						Digreſſion
31 Petron.		△ 3		✶ 20			

The Diurnall Motion of the Planets.

Daies.	☿		☽		Lati. ☾ N	A	♄		♃		♂		♀		☌		♌	
	♊		♉				♑		♐		♓		♈		♊		♋	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	20	31	4	26	4	37	21	58	21	46	2	22	7	48	27	27	28	26
2	21	28	19	19	4☌	58	22	3	21	51	3	1	8	28	28	42	28	23
3	22	25	4♊	27	4	59	22	8	21	57	3	41	9	11	29	59	28	20
4 ☉	23	22	19	41	4	40	22	13	22	2	4	21	9	54	1♍	19	28	16
5	24	20	4♋	51	3	59	22	18	22	7	5	1	10	37	2	41	28	13
6	25	17	19	44	3	3	22	23	22	12	5	40	11	23	4	6	28	10
7	26	14	4♌	14	1	56	22	28	22	17	6	19	12	9	5	35	28	7
8	27	11	18	18	0	44	22	33	22	21	6	58	12	56	7	8	28	4
9	28	8	1♍	52	0 S	28	22	39	22	26	7	37	13	43	8	45	28	1
10	29	5	14	59	1	36	22	44	22	30	8	15	4	32	10	23	27	57
11 ☉	♋	2	27	48	2	38	22	50	22	34	8	55	15	21	12	8	27	54
12	0	59	10♎	6	3	31	22	55	22	38	9	35	16	11	13	54	27	51
13	1	56	22	14	4	13	23	1	22	42	10	14	17	2	15	41	27	48
14	2	53	4♏	13	4	43	23	7	22	46	10	53	17	53	17	30	17	25
15	3	50	16	7	5	0	23	13	22	49	11	32	18	45	19	22	27	42
16	4	47	28	4	5	3	23	18	22	53	12	11	19	37	21	18	27	38
17	5	44	9♐	51	4☌	57	23	24	22	56	12	50	20	30	23	16	27	35
18 ☉	6	41	21	50	4	36	23	30	22	59	13	29	21	23	25	16	27	32
19	7	39	3♑	52	4	1	23	36	23	1	14	8	22	16	27	17	27	29
20	8	36	16	9	3	16	23	42	23	3	14	47	23	9	29	19	27	26
21	9	33	28	18	2	21	23	48	23	6	15	26	24	4	1♎	24	27	23
22	♋	29	10♒	43	1	19	23	54	23	8	16	5	25	0	3	31	27	19
23	11	27	23	18	0N	13	24	0	23	10	16	44	25	56	5	37	27	16
24	12	24	6♓	4	0	56	24	6	23	11	17	23	26	53	7	44	27	13
25 ☉	13	21	19	2	2	3	24	13	23	13	18	2	27	50	9	51	27	10
26	14	18	♈	17	3	5	24	19	23	14	18	40	28	47	11	59	27	7
27	15	16	15	52	3	59	24	25	23	15	19	19	29	44	14	6	27	4
28	16	13	29	45	4	40	24	32	23	16	19	58	0♍	42	16	15	27	0
29	17	10	13♉	58	5D	5	24	39	23	17	20	37	1	41	18	24	26	57
30	18	7	28	22	5	10	24	46	23	18	21	17	2	39	20	33	26	54

The Latitude of the Planets.

Daies	S	A	S	A	N	A	N	A	S	D
1	1	25	1	15	0	55	2	47	3	6
6	1	25	1	16	0	57	3	4	2	18
11	1	25	1	18	0	58	3	15	1	20
16	1	25	1	19	1	0	3	21	0	19
21	1	24	1	21	1	1	3	26	0 N	36
26	1	24	1	22	1	2	3	20	1	16

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♅ Orient.	♂ Occid.	♀ Orient	☿ Orient.	The *Planets* mutuall Aspects.
1					♂ 5		
2 Marcel.		□ 4	✶ 4			♂ 16	✶☉♄16△☉♅ (11
3							☾ Perig.
4 ♓ 2 p. Trin.	♂ 6 13	✶ 4	□ 3				
5 Bonifac				♂ 0	✶ 9		♀♅♀
6			△ 4				
7					□ 13	✶ 3	SS ♂☿
8 Medard.	✶ 17	♂ 8					☾♍
9				✶ 11	△ 22	□ 14	
10			☌ 14				♀♄☿
11 ♓ 3 p. Tri.	□4 50			□ 23			
12						△ 8	
13	△ 21	✶ 2					Td♅♂
14 Valerius				△ 14			SS♀☿
15 Vitus		□ 15	△ 13		☌ 5		
16 Roland.							□♅☿20.☾Ap
17							
18 ♓ 4 p. Tri.		△ 3	□ 2			☌ 8	✶♄☿ 2
19 Gervasius	☌ 8 6			☌ 21			✶♅♀ 21
20 Sylver.			✶ 13		△ 14		□♄♀ 16
21							
22							Td☉♅
23		☌ 1			□ 5		☾♋
24	△ 12			△ 22		△ 3	
25 ♓ 5 p. Tri.			♂ 7		✶ 16		Td♅☿
26	□2252					□ 20	
27 7 Dorm.		△ 15		□ 6			♂☉☿23.♀in(
28						Occid.	(Elong. max.
29 Pet. Pau.		□ 18	✶ 15	✶ 11		✶ 8	
30					♂ 6		♂♂☿11.☾per.

The Diurnall Motion of the Planets.

Daies	☉ ♋	☾ ♊	Lati. N	Lati. D	♄ ♌	♅ ♈	♂ ♋	♀ ♊	☿ ♋	☊ ♍
	D ′	D ′	D	′	D ′	D ′	D ′	D ′	D ′	D ′
1	19 4	13 20	4	55	24 53	23 19	21 54	3 38	22 40	26 51
2 ☉	20 1	28 16	4	20	25 0	23 19	22 33	4 37	24 46	26 48
3	20 58	13♋1	3	28	25 7	23 R19	23 12	5 36	26 52	26 45
4	21 55	27 56	2	23	25 14	23 R19	23 51	6 37	28 57	26 41
5	22 52	12♌24	1	9	25 21	23 18	24 30	7 38	1♌1	26 38
6	23 50	26 29	0	S 7	25 27	23 18	25 9	8 39	3 3	26 35
7	24 47	10♍6	1	21	25 34	23 17	25 47	9 40	5 3	26 32
8	25 44	23 18	2	28	25 41	23 16	26 26	10 42	7 2	26 29
9 ☉	26 41	6♎6	3	25	25 48	23 15	27 4	11 44	8 57	26 26
10	27 38	18 33	4	12	25 55	23 13	27 43	12 45	10 51	26 22
11	28 36	0♏44	4	46	26 2	23 12	28 21	13 47	12 45	26 19
12	29 33	12 42	5	6	26 9	23 10	29 0	14 50	14 35	26 16
13	0♌30	24 33	5	14	26 17	23 8	29 39	15 53	16 23	26 13
14	1 27	6♐24	5	D 9	26 24	23 6	0♌17	16 56	18 9	26 10
15	2 25	18 16	4	48	26 31	23 4	0 55	18 0	19 52	26 6
16 ☉	3 22	0♑14	4	16	26 38	23 2	1 34	19 4	21 34	26 2
17	4 19	12 22	3	32	26 46	22 59	2 13	20 8	23 15	25 59
18	5 17	24 41	2	38	26 53	22 56	2 52	21 11	24 55	25 56
19	6 14	7♒11	1	36	27 0	22 53	3 31	22 16	26 34	25 53
20	7 11	19 54	0	N 28	27 7	22 49	4 9	23 20	28 11	25 50
21	8 9	2♓50	0	43	27 14	22 46	4 47	24 25	29 45	25 46
22	9 6	15 57	1	53	27 21	22 42	5 26	25 30	1♍18	25 43
23 ☉	10 3	29 16	2	58	27 28	22 38	6 4	26 35	2 49	25 40
24	11 1	12♈45	3	55	27 35	22 33	6 42	27 40	4 17	25 37
25	11 58	26 25	4	38	27 42	22 29	7 21	28 45	5 45	25 34
26	12 56	10♉19	5	6	27 50	22 25	8 0	29 51	7 13	25 31
27	13 53	24 25	5	17	27 58	22 21	8 38	0♋57	8 38	25 27
28	14 51	8♊40	5	D 8	28 6	22 16	9 17	2 3	10 0	25 24
29	15 48	23 2	4	39	28 13	22 12	9 55	3 9	11 19	25 21
30 ☉	6 46	7♋22	3	53	28 21	22 7	10 33	4 16	12 35	25 18
31	7 42	22 1	2	53	28 28	22 2	11 12	5 23	13 52	25 15

The Latitude of the Planets.

Daies	N	A	S	A	N	A	S	A	N	A
1	1	24	1	24	1	3	3	14	1	39
6	1	24	1	25	1	4	3	6	1	47
11	1	24	1	27	1	5	2	55	1	D36
16	1	24	1	28	1	6	2	41	1	13
21	1	24	1	30	1	7	2	26	0	S 39
26	1	24	1	31	1	8	2	9	0	S 2

Old-Style.	The Lunar Aspects.						The *Planets* mutuall Aspects.
	☉	♄ Occid.	♃ Orient.	♂ Occid.	♀ Occid.	☿ Orient	
1 2 ♅ 6 p. Trin		✶ 19	□ 16				△ ♃ ☿ 7 SS ♄ ☿. Q ♃ ♀
3 4 Ulricus	☌ 1333		△ 16	☌ 17	✶ 16	☌ 2	△ ♃ ♂ 4
5 Anshelm. 6		☌ 22			□ 23		△ ☉ ♃ 11 SS ♄ ♂ ☾ ☋
7 8	✶ 5		☍ 0	✶ 6			SS ♄ ☉
9 ♅ 7 p. Trin. 10 7 Fratr.	□ 19 26	✶ 15		□ 16	△ 12	✶ 6	☌ ☉ ♂ 6
11 Pius 12			△ 21	Orient		□ 4	Q ♄ ♀ ✶ ♀ ☿ 8
13 Margar. 14	△ 13	□ 4		△ 11	☍ 23		Bq ♃ ☿. ☾ Apog.
15 16 ♅ 8. p. Tri		△ 17	□ 9			△ 4	Vc ♃ ☿
17 Alexius 18 Rosina	☍ 22 2		✶ 20	☍ 16			
19 20		☍ 13			△ 6	☍ 17	☌ ♀ ☿ 0 □ ♃ ♀ 13 ☾ ☊
21 22			☌ 12		□ 18		
23 ♅ 9 p. Trin. 24 Christin.	△ 20			△ 13			✶ ♄ ♀ 22
25 James ♃ p. 26 Anna	□ 4 47	△ 2	✶ 20	□ 20	✶ 4	△ 18	
27 Martha 28 Panthal.	✶ 11	□ 6	□ 22	✶ 1		□ 3	☾ perig.
29 30 ♅ 10 p. Tri		✶ 9			☌ 18	✶ 9	Bq ☉ ♃
31 German			△ 0				

The Diurnall Motion of the Planets.

Dates	☉	☾	Lati. N.	☾	♄	♅	♂	♀	☿	♃
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	18 41	6 23	1 41	28 36	21 57	11 51	6 29	15 6	25 12	
2	19 39	20 35	0 24	28 43	21 52	12 29	7 36	16 18	25 4	
3	20 36	4♍28	0☽52	28 51	21 47	13 8	8 43	17 29	25 5	
4	21 34	18 3	2 5	28 58	21 40	13 46	9 50	18 38	25 2	
5	22 32	1♎15	3 8	29 6	21 34	14 24	10 58	19 45	24 59	
6 ☉	23 29	14 5	4 1	29 14	21 28	15 2	12 5	20 50	24 56	
7	24 27	26 35	4 40	29 21	21 22	15 41	13 13	21 51	24 52	
8	25 25	8♏47	5 4	29 29	21 15	16 19	14 21	22 50	24 49	
9	26 23	20 48	5 16	29 36	21 9	16 57	15 30	23 46	24 46	
10	27 20	2♐39	5 D15	29 44	21 2	17 35	16 38	24 39	24 43	
11	28 18	14 28	5 0	29 51	20 56	18 13	17 45	25 28	24 40	
12	29 16	26 21	4 31	29 59	21 49	18 52	18 55	26 13	24 36	
13 ☉	0♏14	8♑21	3 50	0♍7	20 42	19 30	20 4	26 55	24 33	
14	1 12	20 29	3 0	0 19	20 35	20 8	21 13	27 32	24 30	
15	2 10	2♒55	2 0	0 22	20 27	20 47	22 21	28 10	24 27	
16	3 8	15 37	1 0	52 0 29	20 20	21 25	23 30	28 46	24 24	
17	4 6	28 35	0N19	0 37	20 13	22 3	24 39	29 18	24 21	
18	5 4	11♓51	1 31	0 45	20 6	22 41	25 48	29 44	24 17	
19	6 2	25 23	2 40	0 53	19 59	23 19	26 58	0♎4	24 14	
20 ☉	7 0	9♈9	3 40	1 1	19 51	23 57	28 7	0 17	24 11	
21	7 58	23 5	4 28	1 8	19 44	24 35	29 17	0 23	24 8	
22	8 57	7♉8	5 0	1 16	19 36	25 13	0♌26	0 26	24 5	
23	9 55	21 14	5 15	1 23	19 29	25 52	1 36	0 24	24 1	
24	10 53	5♊21	5 D11	1 13	19 21	26 30	2 46	0♍13	23 58	
25	11 51	19 27	4 48	1 38	19 12	27 8	3 56	29 56	23 55	
26	12 50	3♋33	4 6	1 46	19 4	27 46	5 7	29 42	23 52	
27 ☉	13 48	17 37	3 12	1 53	18 57	28 24	6 17	29 3	23 49	
28	14 47	1♌37	2 6	2 1	18 49	29 2	7 28	28 28	23 46	
29	15 45	15 32	0☽52	2 8	18 41	29 40	8 39	27 46	23 43	
30	16 43	29 17	0 23	2 16	18 33	0♍18	9 50	26 57	23 39	
31	17 42	12♍52	1 36	2 23	18 25	0 56	11 1	26 3	23 36	

The Latitude of the Planets.

Dates	N	A	S	A	N	A	S	D	S	A
1	1	25	1	33	1	9	1	49	0	57
6	1	25	1	34	1	9	1	31	1	48
11	1	25	1	35	1	9	1	12	2	34
16	1	26	1	36	1	10	0	52	3	17
21	1	26	1	37	1	10	0	33	3	D 57
26	1	26	1	38	1 D	11	0	15	4	12

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♅ Orient.	♂ Orient	♀ Orient.	☿ Occid.	The *Planets* mutuall Aspects.
1							
2 Moſes	☌ 22 8	☌ 14		☌ 9			Great Eclipſe of ☉ viſible. ☾ ♌
3							
4 Ariſtarchus			☌ 6		✶ 8	☌ 1	☽d ♅ ♀
5 Oſwald.							☽c ♅ ☉
6 ♓ 12 p. Tri.	✶ 19			✶ 2	□ 20		(14 ☽q ♅ ☌. ☌ ♅ ♀
7							
8		✶ 6		□ 16	△ 13		(Evagation ☿ in his greateſt
9							
10 Laurent.	□ 12 17	□ 18	△ 0			✶ 7	☾ Apog.
11							
12	△ 6	△ 7	□ 13	△ 8		□ 0	☌ ☉ ♄ 21
13 ♓ 12. p. Tri.		Orient					△ ♅ ♀ 12
14 Euſebius			✶ 0		☌ 1	△ 15	☽c ♅ ☌
15 Aſſum. M.							
16 Rochus				☌ 13			☾ ☊
17							
18 Helena	☌ 10 49	☌ 4	☌ 14				Eclipſis ☾ vii.
19							
20 ♓ 13. p. Tri.					△ 2	☌ 8	
21							
22	△ 3	△ 14	✶ 21	△ 2	□ 11		✶ ♀ ☿ ☉ SS ♄ ♀
23 Zachæus							
24 Bartholo.	□ 10 7	□ 17	□ 23	□ 8	✶ 19	△ 16	☾ perig.
25 Ludovi.							
26	✶ 17	✶ 21		✶ 13		□ 17	
27 ♓ 14 p. Tri.			△ 2				
28 Auguſtus					☌ 11	✶ 19	☽☽ ☌ ♀
29 Decol. Jo.							
30		☌ 1		☌ 2			☾ ♌
31 Paulinus	☌ 9 23		☌ 10			☌ 23	☌ ♅ ☉ 16

The Diurnall Motion of the Planets.

Daies	☉		☾		Lati. ☾		♄		♅		♂		♀		☿		Ω	
		♍		♍	S	A	♍		♓		♍		♌		♍		♒	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	18	40	26	11	2	43	2	31	18	17	1	34	12	12	25	6	23	33
2	19	39	9	♎15	3	39	2	38	18	9	2	12	13	23	24	4	23	30
3 ☉	20	37	22	1	4	23	2	46	18	2	2	51	4	34	23	0	23	27
4	21	36	4	♏30	4	53	2	53	17	54	3	28	15	45	21	56	23	24
5	22	34	16	44	5	9	3	0	17	46	4	6	16	57	20	51	23	20
6	23	33	28	44	5	D12	3	7	17	39	4	44	18	8	19	49	23	17
7	24	32	10	♐37	5	1	3	15	17	31	5	21	19	19	18	53	23	14
8	25	31	22	26	4	37	3	22	17	2	6	0	20	31	18	0	33	11
9	26	29	4	♑18	4	0	3	29	17	15	6	38	21	43	17	13	23	8
10 ☉	27	28	16	14	3	14	3	36	17	7	7	16	22	55	16	34	23	4
11	28	27	28	24	2	19	3	43	17	0	7	54	24	7	16	8	23	1
12	29	26	10	♒51	1	15	3	50	16	52	8	32	25	18	15	53	22	58
13	0	♎25	23	37	0	N 6	3	57	16	44	9	10	26	30	15	D148	22	55
14	1	24	6	♓46	1	5	4	4	16	37	9	48	27	42	15	55	22	52
15	2	23	20	17	2	14	4	11	16	30	10	26	28	55	16	10	22	48
16	3	22	4	♈12	3	18	4	19	16	23	11	4	0	♍ 6	16	34	22	45
17 ☉	4	21	18	25	4	10	4	26	16	15	11	42	1	19	17	6	22	32
18	5	20	2	♉50	4	47	4	33	16	8	12	20	2	32	17	46	22	39
19	6	19	17	21	5	D 5	4	40	16	1	12	58	3	44	18	38	22	36
20	7	18	1	♊51	5	6	4	46	15	54	13	36	4	57	19	37	22	33
21	8	17	16	14	4	45	4	53	15	48	14	14	6	10	20	42	22	30
22	9	17	0	♋25	4	8	5	0	15	41	14	52	7	23	21	52	22	26
23	10	16	14	27	3	17	5	7	15	34	15	30	8	36	23	7	22	23
24 ☉	11	15	28	16	2	15	5	14	15	28	16	8	9	48	24	27	22	20
25	12	15	11	♌55	1	5	5	20	15	21	16	45	11	1	25	52	22	17
26	13	14	25	23	0	S 7	5	27	15	15	17	23	12	14	27	22	22	14
27	14	13	8	♍43	1	17	5	33	15	9	18	1	13	27	28	56	22	11
28	15	13	21	53	2	24	5	39	15	4	18	39	14	41	0	♎32	22	7
29	16	12	4	♎51	3	20	5	46	14	58	19	17	15	54	2	9	22	4
30	17	12	17	38	4	7	1	52	14	53	19	55	17	8	3	48	22	1

The Latitude of the Planets.

Daies	N	A	S	A	N	D	N	A	S	D
1	1	27	1	33	0	12	6	0	3	45
6	1	27	1	38	1	11	0	22	2	28
11	1	28	1	38	1	11	0	37	0	47
16	1	29	1	37	1	11	0	50	0	37
21	1	30	1	37	1	11	1	1	1	N 27
26	1	30	1	37	1	11	1	12	1	54

Old-Style.	The Lunar Aſpects. ☉	♄ Orient.	♃ Occid.	♂ Orient.	♀ Orient	☿ Occid.	The *Planets* mutuall Aſpects.
1 2 Rachel					✶ 8		Bq ♃♀ ♂♄♂ 20
3 ♓ 15 p. Tri. 4 Theod.		✶ 21		✶ 22		Orient.	♂☉☿ 4
5 6 Magnus	✶ 11	□ 9	△ 2	□ 13	□ 0	✶ 7	Vc ♃♀ SS ♀☿
7 Regin. 8 Nat. Mar.	□ 6 48	△ 22	□ 14		△ 19	□ 14	☾ Apog. ♂♃☿ 23
9 10 ♓ 16 p. Tri.			✶ 2	△ 5		△ 1	
11 12	△ 0						
13 14 Exalt. Cr.		♂ 19	☌ 17	♂ 5	♂ 6	♂ 17	☾☊
15 N. cod. 16 Euphem	♂ 22 27						♂♃☿ 15
17 ♓ 17. p. Tri 18		△ 4	✶ 22	△ 16	△ 23		SS ☉♄
19 20 Fauſta	△ 10	□ 5	□ 23	□ 20	□ 5	△ 2	☌♄♀ 20. ☿ in ((greateſtdigreſ.
21 Matthew 22 Maur.	□ 16 18	✶ 8			✶ 13	□ 8	☾ Perig.
23 24 ♓ 18. p. Tri.			△ 2	✶ 2		✶ 17	♂♃♂ 2
25 26 Cyprian	✶ 0	☌ 18					☾☊
27 Coſ. Da. 28 Wenc.			♂ 15	☌ 18	☌ 9	☌ 18	Vc ♃☉ ♂♃♀ 7
29 Michael. 30	☌ 23 7						SS ☉♀

The Diurnall Motion of the Planets.

Daies.	☉		☾		Lati. ☾ S		♄		♃		♂		♀		☿		☊	
	♎		♏		A		♑		♓		♍		♍		♎		♌	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	☉ 18	11	0	13	4	39	5	58	14	48	20	33	18	21	5	30	21	58
2	19	11	12	36	4	57	6	5	14	43	21	11	19	35	7	13	21	55
3	20	11	24	47	5	3	6	11	14	38	21	49	20	49	8	57	21	52
4	21	10	6♐	48	4	D56	6	17	14	33	22	27	22	2	10	41	21	48
5	22	10	18	41	4	34	6	23	14	28	23	5	23	16	12	25	21	45
6	23	10	0♑	31	4	0	6	29	14	24	23	43	24	30	14	8	21	42
7	24	10	12	21	3	18	6	35	14	19	24	21	25	44	15	51	21	39
8	☉ 25	9	24	16	2	26	6	41	14	14	24	58	26	58	17	33	21	36
9	26	9	6♒	23	1	27	6	47	14	10	25	36	28	12	19	15	21	33
10	27	9	18	46	0	20	6	53	14	6	26	14	29	26	20	57	21	29
11	28	9	1♓	31	0	N45	6	59	14	2	26	52	0♎	40	22	38	21	26
12	29	9	14	41	1	52	7	5	13	59	27	30	1	54	24	19	21	23
13	0♏	9	28	19	2	55	7	11	13	55	28	8	3	8	26	0	21	20
14	1	9	12♈	24	3	50	7	17	13	51	28	46	4	22	27	40	21	17
15	☉ 2	9	26	54	4	32	7	22	13	49	29	24	5	36	29	19	21	13
16	3	9	11♉	42	4	D54	7	27	13	46	0♎	2	6	50	0♏	58	21	10
17	4	9	26	39	4	59	7	32	13	44	0	40	8	4	2	37	21	7
18	5	10	11♊	34	4	42	7	37	13	42	1	18	9	19	4	16	21	4
19	6	10	26	21	4	8	7	42	13	40	1	56	10	33	5	55	21	1
20	7	10	10♋	51	3	17	7	47	13	38	2	34	11	48	7	33	20	58
21	8	10	25	13	2	15	7	52	13	37	3	12	13	3	9	10	20	54
22	☉ 9	11	8♌	53	1	6	7	57	13	35	3	49	14	19	10	47	20	51
23	10	11	22	24	0	S 4	8	1	13	34	4	27	15	33	12	23	20	48
24	11	11	5♍	30	1	13	8	6	13	33	5	5	16	47	13	59	20	45
25	12	12	18	40	2	18	8	11	13	32	5	42	18	2	15	35	20	42
26	13	12	1♎	28	3	13	8	16	13	31	6	21	19	16	17	11	20	39
27	14	12	14	6	3	58	8	20	13	30	6	59	20	31	18	46	20	35
28	15	13	26	37	4	32	8	25	13	30	7	37	21	46	20	21	20	32
29	☉ 16	13	8♎	56	4	52	8	29	13	30	8	15	23	0	21	56	20	29
30	17	14	21	8	4	59	8	34	13	D30	8	53	24	15	23	30	20	26
31	18	14	3♏	13	4	D51	8	38	13	30	9	31	25	30	25	4	20	23

The Latitude of the Planets.

Daies	N	A	S	A	N	D	N	A	N	D
1	1	31	1	36	1	11	1	22	1	54
6	1	32	1	35	1	11	1	29	1	36
11	1	33	1	34	1	10	1	34	1	10
16	1	34	1	32	1	10	1	37	1	40
21	1	35	1	31	1	10	1	38	0	S 5
26	1	36	1	30	1	9	1	D 37	0	S 28

Old-Style.	The Lunar Aſpects. ☉	♄ Orient.	♅ Occid.	♂ Orient.	♀ Orient.	☿ Orient.	The *Planets* mutuall Aſpects.
1 ♃ 19. p. Trin.		✶ 11	△ 4	✶ 18	✶ 15		☌ ♄ ☿
2 Leodegar.							
3		□ 23	□ 15			✶ 9	Bq ♅ ☉. ☾ Ap. ♂ ♂ ♀ 17
4 Franciſc.							
5				□ 9	□ 10		
6 Fides	✶ 6	△ 12					V c ♅ ☿
7			✶ 4			□ 9	☍ ☉ ♂
8 ♃ 20. p. Trin.	□ 1 54			△ 1	△ 6		
9 Dionyſ.							
10 Gedeon	△ 17					△ 5	
11 Burchar.		☌ 10	☽ 22				
12 Colman							
13				☌ 0	☌ 9		
14							
15 ♃ 21 p. Tri.	☌ 9 8	△ 17	✶ 3			☌ 4	☍ ♂ ☿
16 Gallus							S S ♄ ♀
17		□ 17	□ 3	△ 6	△ 20		
18 Lucas							☾ Peric.
19 Ptolem.	△ 17	✶ 19	△ 4	□ 9	□ 2	△ 18 Occid.	♂ ☉ ☿ 9 ✶ ☉ ♄ 16 ✶ ♄ ☿ 4
20							
21				✶ 14	✶ 10	□ 4	V c ♅ ♀
22 ♃ 22. p. Tri.	□ 0 34						☾ ♉
23 Severin.						△ 17	△ ♅ ☿ 18
24 Salome	✶ 11	♂ 4	☌ 14				
25 Criſpin.				♂ 9			△ ☉ ♅ 7 Bq ♅ ♀
26 Amand.							
27					♂ 14		
28		✶ 23					☌ ♄ ☿
29 ♃ 23. p. Tri.	♂ 15 38		△ 10				☍ ♄ ♂
30						♂ 5	
31 Wolfg.		□ 11	□ 21	✶ 11			Td ♅ ☿

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lat. ☾ S	Lat. ☾ D	♄	♃	♂	♀	☿	☊
	D ′	D ′	D ′		D ′	D ′	D ′	D ′	D ′	D ′
1	19 15	15 10	4 31		8 42	13 30	10 8	26 45	26 36	20 20
2	20 16	27 4	3 58		8 46	13 30	10 46	28 0	28 7	20 16
3	21 17	8♍54	3 16		8 49	13 31	11 24	29 15	29 40	20 13
4	21 17	20 44	2 24		8 53	13 33	12 2	0♏30	1♐13	20 10
5 ☉	23 18	2♎39	1 29		8 57	13 34	12 40	1 45	2 45	20 7
6	24 19	14 44	0N27		9 1	13 36	13 18	3 0	4 12	20 4
7	25 19	27 5	0 37		9 4	13 38	13 56	4 15	5 49	20 0
8	26 20	9♑45	1 42		9 8	13 39	14 34	5 30	7 21	19 57
9	27 21	22 53	2 44		9 11	13 41	15 11	6 45	8 53	19 54
10	28 22	6♈26	3 39		9 14	13 43	15 49	8 0	10 25	19 51
11	29 23	20 29	4 22		9 17	13 46	16 27	9 15	11 56	19 48
12 ☉	0♐24	5♉3	4 50		9 20	13 49	17 5	10 31	13 28	19 44
13	1 24	19 58	4 D59		9 23	13 52	17 43	11 46	14 58	19 41
14	2 25	5♊8	4 48		9 26	13 56	18 20	13 1	16 28	19 38
15	3 26	20 22	4 16		9 29	13 59	28 58	14 16	17 58	19 35
16	4 27	5♋28	3 25		9 32	14 3	19 36	15 31	19 28	19 32
17	5 28	20 19	2 23		9 34	14 7	20 14	16 47	20 58	19 29
18	6 29	4♌45	1 12		9 37	14 11	20 52	18 2	22 27	19 25
19 ☉	7 30	18 49	0 S 2		9 39	14 15	21 29	19 18	23 55	19 22
20	8 31	2♍7	1 12		9 41	14 19	22 7	20 33	25 21	19 19
21	9 32	15 41	2 19		9 43	14 24	22 45	21 48	26 47	19 16
22	10 33	28 34	3 16		9 45	14 28	23 23	23 3	28 13	19 13
23	11 34	11♎13	4 2		9 47	14 33	24 1	24 19	29 37	19 10
24	12 35	23 38	4 35		9 49	14 39	24 39	25 34	1♑1	19 6
25	13 37	5♏52	4 54		9 51	14 44	25 16	26 49	2 23	19 3
26 ☉	14 38	18 1	5D 2		9 52	14 49	25 54	28 5	3 44	19 0
27	15 39	0♐2	4 56		9 54	14 55	26 32	29 21	5 3	18 57
28	16 40	12 0	4 36		9 55	14 1	27 10	0♐36	6 20	18 54
29	17 41	23 55	4 3		9 56	14 7	27 48	1 52	7 34	18 51
30	18 42	5♑42	3 21		9 57	14 13	28 26	3 7	8 45	18 47

The Latitude of the Planets.

Daies	N	A	S	A	N	D	N	D	S	A
1	1	38	1	29	1	9	1	34	1	4
6	1	39	1	27	1	8	1	29	1	32
11	1	41	1	26	1	8	1	24	1	55
16	1	42	1	24	1	7	1	16	2	12
21	1	43	1	23	1	6	1	7	2	19
26	1	44	1	22	1	5	0	56	2 D	11

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♅ Occid.	♂ Orient.	♀ Orient.	☿ Occid.	The *Planets* mutuall Aspects.
1 Sanctorum							☌☿♀. ☾ Ap.
2 Animarum					✶ 2		☍♄ ☉
3 Theophilus		△ 0	✶ 10	□ 5			
4	✶ 3				□ 22		
5 ♓ 24 p. Trin.				△ 21		✶ 0	
6 Leonhard	□20 16						Vc ♅♂. ☾☊
7 Florent.		☌ 23			△ 15	□ 19	Td ♅ ☉
8			♂ 8				
9 Theod.	△ 8						□♄☿5ᵈ
10				☌ 17		△ 8	
11							✶♄ ♀ 1
12 ♓ 25 p. Tri.		△ 7	✶ 15		☌ 9		□♅☿6
13	☌ 1926						
14 Frideri.		□ 7	□ 14	△ 21		☌ 20	△♅♀18 ☾pe.
15 Leopold.							
16		✶ 0	△ 14		△ 17		Bq♅♂.✶♂☿4
17				□ 0			
18	△ 9						
19 ♓ 26 p. Tri.				✶ 5	□ 1	△ 10	☾☊
20	□11 55	♂ 13	☌ 21				☌♄ ♀
21 Obl. Mar.					✶ 12	□ 23	□☉h4. Td♄☿
22 Cæcilia							☍☌♂♀
23 Clement.	✶ 1						
24				♂ 2		✶ 16	Td ♅♀
25		✶ 8	△ 18				
26 ♓ 27 p. Tri.					♂ 22		□☉♅5.Q♅☿
27		□ 20					
28	♂10 16		□ 6				
29 Saturn.				✶ 8			☾ Apog.
30 Andrew		△ 8	✶ 19			♂ 7	

The Diurnall Motion of the Planets.

Daies	☉ ♐	☾ ♍	Lati. ☾ S	☾ D	♄ ♏	♅ ♓	♂ ♎	♀ ♐	☿ ♍	☊ ♒
	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	19 44	17 40	2 29	9 58	15 19	29 4	4 23	9 55	18 44	
2	20 45	29 35	1 32	9 59	15 26	29 41	5 38	11 1	18 41	
3 ☉	21 46	11♎35	0 N30	10 0	15 32	0♏19	6 53	12 3	18 38	
4 ☽	22 47	23 44	0 35	10 1	15 39	0 57	8 9	13 0	18 35	
5	23 49	6♑ 6	1 40	10 2	15 46	1 34	9 24	13 50	18 32	
6	24 50	18 45	2 41	10 2	15 53	2 12	10 40	14 34	18 28	
7	25 51	1♈46	3 38	10 3	16 0	2 50	11 55	15 7	18 25	
8	26 52	15 11	4 20	10 3	16 ♀	3 28	13 10	15 36	18 22	
9	27 53	29 6	4 51	10 3	16 15	4 6	14 25	15 54	18 19	
10 ☉	28 55	13♉17	5 6	10 4	16 23	4 43	15 41	16 2	18 16	
11	29 56	28 15	5 D 1	10 4	16 31	5 20	16 56	16 R 0	18 13	
12	0♈57	13♊18	4 34	10 R 4	16 39	5 58	18 12	15 48	18 9	
13	1 58	28 34	3 49	10 3	16 47	6 35	19 27	15 23	18 6	
14	2 59	13♋47	2 46	10 2	16 56	7 13	20 43	14 47	18 3	
15	4 1	28 48	1 34	10 2	17 4	7 50	21 58	14 3	18 0	
16	5 2	13♌30	0 15	10 1	17 13	8 28	23 14	13 10	17 57	
17 ☉	6 4	27 46	1 S 1	10 0	17 21	9 5	24 30	12 7	17 53	
18	7 5	11♍35	2 13	9 59	17 30	9 43	25 45	10 56	17 50	
19	8 6	24 59	3 14	9 58	17 38	10 21	27 1	9 40	17 47	
20	9 8	7♎57	4 5	9 57	17 47	10 58	28 16	8 22	17 44	
21	10 9	20 35	4 41	9 56	17 57	11 36	29 32	7 4	17 41	
22	11 10	2♏55	5 13	9 55	18 7	12 13	0♈48	5 46	17 38	
23	12 12	15 5	5 D 12	9 54	18 17	12 50	2 2	4 36	17 34	
24 ☉	13 13	27 9	5 6	9 52	18 27	13 28	3 18	3 32	17 31	
25	14 14	8♐58	4 47	9 51	18 37	14 5	4 33	2 35	17 28	
26	15 15	20 50	4 15	9 49	18 47	14 43	5 49	1 45	17 25	
27	16 17	2♑44	3 38	9 47	18 57	15 20	7 5	1 1	17 22	
28	17 18	14 40	2 43	9 45	19 7	15 57	8 20	0 28	17 19	
29	18 19	26 27	1 43	9 43	19 18	16 34	9 36	0 6	17 15	
30	19 21	8♒38	0 39	9 41	19 28	17 11	10 51	29♐57	17 12	
31 ☉	20 22	20 48	0 N27	9 39	19 38	17 48	12 7	0♑ 2	17 9	

The Latitude of the Planets.

Daies	☿ N	☿ A	♀ S	♀ A	♂ N	♂ D	♃ N	♃ D	♄ S	♄ D
1	1 45		1 24		1 3		0 46		1 56	
6	1 46		1 20		1 2		0 35		1 9	
11	1 48		1 19		1 0		0 23		0 N 5	
16	1 49		1 18		0 59		0 10		1 37	
21	1 50		1 17		0 57		0 S 1		2 53	
26	1 51		1 16		0 55		0 14		3 D 14	

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♃ Occid.	♂ Orient.	♀ Orient.	☿ Occid.	The *Planets* mutuall Aspects.
1							△♄☿ 1
2				□ 0	✶ 15		☿in Eton. max.
3 ♐ 1 Advent	✶ 22						☋♂☿. ☾☊
4 Barbara				△ 14			
5		♂ 8	♂ 18		□ 7	✶ 15	□♄☿ 12
6 Nicol.	□12 10						
7					△ 19		
8 Con. Mar.	△ 22					□ 1	☋♂☿
9		△ 18		♂ 9			♄Mar in Tq☉(
10 ♐ 2 Advent			✶ 4			△ 4	(☿in ✶♃fere
11 Damascus		□ 18					☋♂☿
12 Epimach.			□ 5		♂ 8		☾ perig.
13 Lucia	♂5 45	✶ 18		△ 13			
14 Nicasius			△ 5			♂ 2	
15				□ 15			
16					△ 18		☾☋. ☋♃☉
17 ♐ 3 Advent	△ 15	♂ 21		✶ 20		✶ 23	(18 ✶♂☿ 15
18 Christoph.			♂ 10				✶♄♂ 10△♄☿(
19					□ 4	Orient	♂☉☿ 16 Tq♄☿
20	□2 27					□ 2	△☉♄ 19
21 Thō. Apo.					✶ 19		☋♃☿
22 Theod.	✶ 7	✶ 14		♂ 19		✶ 5	
23			△ 6				(19
24 ♐ 4 Advent							✶☉♂ 15. ♂☿☿
25 Nat. D.		□ 2	□ 19				
26 Stephen						♂ 20	☋♃☿. ☾ Ap.
27 John Evā.		△ 9			♂ 10		
28 Innocents	♂7 49		✶ 9	✶ 5			
29							△♄☿ 5
30 David				□ 17			✶☉♃ 3. ☾☊
31 Sylvest.							

The Radices of the middle motions of the Planets January 1, 1654. *at noone, in the Meridian of* London, *according to* HARMONICON COELESTE.

	S	D	′	″
The progression of the first ✶ of ♈ from the Vernall Equinox.	00	28	22	00
The meane Longitude of the ☉	9	21	6	42
The Aphelion of the ☉	3	6	37	54
The meane Longitude of the ☾	6	29	22	48
The Aphelion of the ☾	7	15	49	10
The Node ascend. of ☾	11	6	25	35
The meane motion of ♄	4	16	53	11
The Aphelion of ♄	8	27	10	56
The Node ascend. of ♄	3	21	4	27
The meane motion of ♃	11	0	1	26
The Aphelion of ♃	6	8	47	24
The Node ascend. of ♃	3	5	37	29
The meane motion of ♂	0	12	13	35
The Aphelion of ♂	5	00	4	24
The Node ascend. of ♂	1	17	22	00
The meane motion of ♀	1	17	19	47
The Aphelion of ♀	10	5	10	52
The Node ascend. of ♀	2	13	31	12
The meane motion of ☿	2	27	20	25
The Aphelion of ☿	8	14	20	29
The Node ascend. ☿	1	13	49	30

End of the Ephemeris *for the year of the Christian Æra* 1654.

AN

EPHEMERIS

OF

The Cœleſtiall Motions: for the Yeare of the Chriſtian Æra, M DC LV.

Whereto are numbred from

		YEARS
The	Creation of the World	5604
	Generall Deluge	3948
	Building of *London*	2762
	Death of *Alexander* the Great	1978
	Conſtitution of the *Julian* Year	1699
	Paſſion and death of Chriſt	1622
	Hegyra or flight of *Mahomet*	1064
	Correction of the Kalender by P. *Gregorie.*	73
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JULIAN.		GREGORIAN.
3	The Golden Number.	3
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8	Roman Indiction.	8
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Februa. 11	Septuageſima.	24 *January*
Februa. 28	*Dies Cinerum.*	3 *March*
Aprill 15	Eaſter day.	18 *Aprill*
May 20	Rogation Sunday.	23 *May*
May 24	Aſcenſion day.	27 *May*
June 3	Whitſunday.	6 *June*
Decem. 2	Advent Sunday.	28 *Novem.*

Authore VINCENTIO WING, *Philomathematico.*

LONDON,
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Of the Eclipses 1655.

THe Inhabitants of this Earthy ſtarre ſhal twiſe this year, be deprived in part of the Sunnes light, by the interpoſition of the dark Body of the Moon, (the Earths Planet) betweeen the Sun and us, the former vvhereof vvil be conſpicuous at *London*, though very little darkned, vvhich is thus proved.

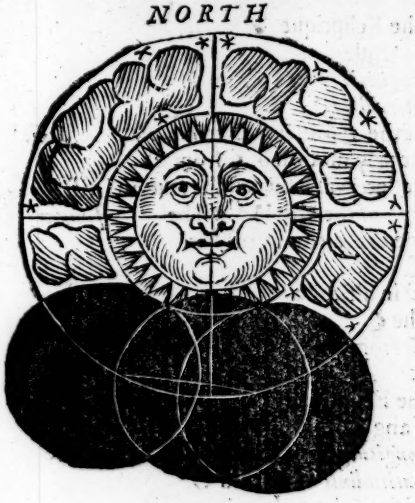
		D	H	′	″
The middle ☌ of the Luminaries at *London*,	*Jan.*	26	14	27	5
The Interval of the middle and true ☌	*Ad.*		10	8	12
The middle time of the true ☌	*Jan.*	27	0	35	17
The coæquate Anomalie of ☉	*Sig.*	7	10	31	11
The coæquate Anomalie of ☾	*Sig.*	1	20	17	27
The true place of ☉ from the Earth	♒		17	51	38
The true place of ☾ in her Orbite.	♒		17	51	38
Argument of the ☾ latitude		0	2	8	27
Reduction	*Subſtr.*				32
Place of ☾ in the Ecliptique		♒	17	51	6
Hourly motion of ☾ from ☉				28	27
The time of Reduction	*Adde*			1	7
The corrected time of the true ☌	*Jannu.*	27	0	36	24
The Æquation of Civil Dayes	*Subſtr.*			12	34
The apparent time of the true ☌ at *London*,	*Jan.*	27	0	23	50
At which time the Altitude of the ☉ is			22	44	0
The Altitude of ☾			22	53	42
The Parallax of ☉ in Altitude				2	12
The Parallax of the ☾				52	28
The Parallax of ☾ from ☉				50	16
Point Orient			29	33	♊
The 90 degree of the Ecliptique			29	33	♓
The Parallactical angle			68	5	19
The *Parallaxis Longitudinis* of ☾ from ☉				18	46
The *Parallaxis Latitudinis*				46	38
To one hour after the true ☌ *viz.*		*Ho*	1	23	50
The Altitude of ☉ is			20	30	14
The Altitude of ☾			20	57	5
The Parallax of the ☉ in Altitude				2	14
The Parallax of the ☾				53	10
The Parallax of ☾ from ☉				50	56

Point

		S	D	′	″
Point Orient			12	24	♋
The 90 of the Ecliptique			12	24	♈
Parallactical Angle			58	23	1
Parallaxis Longitudinis of ☾ from ☉				26	42
Parallaxis Latitudinis				43	23
Difference of the *Parallaxis Longitudinis*	*Sub.*			7	56
The visible hourly motion of ☾ from ☉				20	31
Therefore the Interval between the true and vis. ☌	*ad.*		0	54	53
Hence the time of the visible ☌ wil be	*January* 27		1	18	43
At which time the altitude of ☉ is			20	47	17
Altitude of ☾			21	12	24
Parallax of ☉ in altitude				2	14
Parallax of the ☾				53	5
Parallax of ☾ from ☉				50	51
Point Orient			11	23	♋
The 90d of the Ecliptique			11	23	♈
Parallactical angle.			59	9	14
Parallaxis Longitudinis of ☾ from ☉				26	3
Parallaxis Latitudinis of ☾ from ☉				43	39
Argument of the ☾ latitude		0	2	36	54
True latitude of the ☾	*North Ascend.*			13	40
Visible latitude of the ☾	*South*			29	59
Semidiameter of the ☉				16	40
Semidiameter of the ☾				15	48
Summe of the Semidiameters				32	28
Part deficient				2	29
Therefore the Digits eclipsed	*Dig.*		0	53	38
Minutes of Incidence				12	26
Time of Incidence				36	21
Time of Emersion				35	49
Totall duration			1	12	10
Interval of the middle of the Eclipse and vis. ☌	*Ad*			7	32

Hence	H.	′	″
The beginning of the Eclipse at *London*	0	49	54
The visible ☌	1	18	43
The greatest Obscuration	1	26	15
The End	2	2	4

A Type of the Eclipse.



This Eclipse will be greater in *France*, *Spain*, *Portugal*, and the Fortunate Islands, yea under and neer the Æquator, and those places adjoyning to the Southern Coasts of *Africa*, to the Island of South *Brazilia*, about *Fernabuco*, *De Ferdinando*, *Lareado*, S. *Augustine*, *To Dos Los Sanctos*, it will appear almost centrall, but totall it cannot be in no part of the World, because the ☾ is neer heere her *Aphelion*, and the Earth not farre from her *Perihelion*, and therefore to them it will be like to that Eclipse of the Sun, which *Clavius* observed at *Rome*, 1567, and that of D. *Jessenius*, 1598, or that of the *Fisher-men*, *Anno* 1601, where they saw the obscure body of the Moon, all comprehended within the bright Globe of the Sun, and a bright shining Circle appearing round about her, as I have mentioned in *Harmonicon Cœleste*.

The other Eclipse of the Sun, is upon the 22 of *July*, to be seen in the Southern parts of the Earth, in the Islands of the *Chinensis Ocean*, the *Molucca's* neer *Nova Guinea*, *&c.*

There are also two Lunar Eclipses, mentioned by the Phisician and Philosopher *Andrew Argol* of *Padua*, the first on the 8 of *July*, the other on the 6 of *August*, which *Harmonicon Cœleste* will not admit of, neither will his own Tables represent any such appearance, as those who please to make triall, shall finde.

The

The exact time of the Earths ingresse into the other three Cardinall Signes.

		H	′	″	
Earth ♈, ☉ ♋, *June* 11d	{	4	47	25	*T M*
	{	4	46	59	*T A.*
Earth ♎, ☉ ♑, *September* 12d	{	19	42	8	*T M*
	{	19	46	12	*T A*
Earth ♋, ☉ ♈, *December* 11d	{	7	15	17	*T M*
	{	7	15	43	*T A.*

The Diurnall Motion of the Planets.

Daies.	☉		☾		Lati. N	Lati. A	☾		♄		♃		♂		♀		☿		☊	
	♑		♒				♍		♑		♓		♏		♑		♑		♒	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	21	23	3	12	1	34	9	36	19	49	18	26	13	22	0	10	17	5		
2	22	24	15	43	2	37	9	33	20	0	19	3	14	37	0	27	17	2		
3	23	25	28	29	3	34	9	31	20	11	19	40	15	53	0	4	16	59		
4	24	27	11♈32		4	20	9	28	20	22	20	17	17	8	1	19	16	56		
5	25	28	24	54	4	52	9	25	20	33	20	55	18	23	1	56	16	53		
6	26	29	7♉35		5	12	9	23	20	44	21	32	19	39	2	38	16	50		
7 ☉	27	30	20	45	5	D13	9	20	20	55	22	9	20	54	3	21	16	46		
8	28	31	7♊	2	4	53	9	17	21	6	22	46	22	10	4	8	16	43		
9	29	32	21	44	4	14	9	14	21	18	23	23	23	25	5	1	16	40		
10	♑	33	6♋58		3	18	9	11	21	30	4	0	24	41	5	58	16	37		
11	1	35	21	58	2	8	9	8	21	41	24	37	25	57	6	57	16	34		
12	2	36	6♌53		0	49	9	5	21	53	25	14	27	12	8	0	16	30		
13	3	37	21	36	0	S32	9	1	22	5	25	51	28	28	9	5	16	27		
14 ☉	4	38	5♍58		1	49	8	58	22	17	26	28	29	43	10	12	16	24		
15	5	39	19	54	2	58	8	54	22	29	27	5	♑	59	11	22	16	21		
16	6	40	3♎28		3	55	8	50	22	41	27	42	2	14	12	34	16	18		
17	7	41	16	33	4	38	8	47	22	54	28	18	3	30	13	48	16	15		
18	8	42	29	16	5	4	8	4	23	6	28	55	4	45	15	3	16	11		
19	9	43	11♏39		5	16	8	39	23	19	29	32	6	1	16	21	16	8		
20	10	44	23	48	5	D14	8	35	23	33	0♑	8	7	16	17	39	16	5		
21 ☉	11	45	5♐43		4	57	8	31	23	43	0	45	8	31	18	59	16	2		
22	12	46	17	34	4	30	8	27	23	56	1	21	9	47	20	20	15	59		
23	13	47	29	32	3	50	8	23	24	9	1	58	11	2	21	42	15	56		
24	14	47	11♑14		3	0	8	19	24	22	2	35	12	17	23	6	15	52		
25	15	48	23	11	2	2	8	15	24	34	3	12	13	32	24	30	15	49		
26	16	49	5♒16		0	59	8	10	24	47	3	48	14	47	25	55	15	46		
27	17	50	17	33	0N	9	8	6	25	1	4	24	16	3	27	21	15	43		
28 ☉	18	51	0♓	0	1	22	8	1	25	14	5	1	17	19	28	48	15	40		
29	19	51	12	39	2	24	7	57	25	27	5	37	18	34	♒	15	15	37		
30	20	52	25	32	3	23	7	52	25	40	6	14	19	49	1	43	15	33		
31	21	53	8♈36		4	13	7	48	25	53	6	50	21	4	3	12	15	30		

The Latitude of the Planets.

Daies	☿ N	☿ A	♀ S	♀ A	♂ N	♂ D	♃	A N	D
1	1	53	1	15	0	52	0	28	2 39
6	1	54	1	14	0	49	0	40	1 52
11	1	55	1	13	0	46	0	50	1 3
16	1	56	1	12	0	43	0	59	0 16
21	1	57	1	12	0	41	1	7	0 26
26	1	58	1	11	0	38	1	13	1 3

Old-Style.	The Lunar Aſpects. ☉	♄ Orient.	♅ Occult.	♂ Orient.	♀ Orient.	☿ Occult.	The *Planets* mutuall Aſpects.
1 Circumciſ.		☌ 12			✶ 22		
2 Abel	✶ 13		☌ 9	△ 6			
3						□ 4	
4 Teleſpho					□ 11		△ ♅ ☌ 4
5 Simeon	□ 1 4					△ 13	
6 Epiphany		△ 1	✶ 21	☌ 21	△ 20		
7 ☾ 1p. Epiph.	△ 8						✶ ♅ ♀ 0
8 Erhard.		□ 3	□ 23				✶ ☌ ♀ 23
9						☌ 22	☾ peregr.
10 Paul Er.		✶ 3	△ 23				
11 Hygynus	☌ 16 37			△ 7	☌ 7		☿ in Elon. max.
12							☾ ☊ ☍ △ ♄ ☿ 23
13				□ 7			
14 ☾ 2p. Epip.		☌ 5				△ 8	☍ ♅ ☿
15			☌ 4	✶ 13	△ 22		
16 Marcel.	△ 6					□ 18	☌ ♄ ♀
17 Anton.							
18 Priſca.	□ 19 51	✶ 18			□ 12		☿ ☌ ☉ ♄
19						✶ 10	
20			△ 0	☍ 13			
21 ☾ 3p. Epip.	✶ 13	□ 6			✶ 6		☿ ♄ ♀
22 Vincent.			□ 13				
23		△ 18					☍ ☌ ☉ ☾ Ap.
24 Timoth.							
25 Conv. P.			✶ 2	✶ 21		☌ 3	✶ ♅ ☿ 1
26 Polycarp.					☌ 20		☾ ☊
27							☍ ☌ ♀
28 ☾ 4p. Epiph.	☌ 0 36	☌ 15		□ 10			
29							
30 Adelg.			☌ 0	△ 21		✶ 13	☌ ♄ ☿
31							

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lati. ☾ N	Lati. ☾ A	♄	♃	♂	♀	☿	☊
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	♒ 22 54	♑ 21 51	4 50		♏ 7 43	♓ 26 7	♐ 7 27	♒ 22 20	♒ 4 42	♒ 15 27
2	23 4	♉ 5 24	5 11		7 38	26 20	8 3	♓ 3 35	6 13	15 24
3	24 55	19 18	☋ 5 17		7 34	26 33	8 30	4 50	7 45	15 21
4 ☉	25 56	♊ 3 2	5 4		7 29	26 47	9 15	26 5	9 19	15 18
5	26 56	17 12	4 31		7 25	♈ 27 0	9 51	♈ 27 20	10 54	15 14
6	27 57	♋ 1 3	3 42		7 20	27 14	10 27	28 3	12 29	15 11
7	28 57	16 17	2 38		7 16	27 27	11 3	29 50	♉ 14 6	15 8
8	29 57	29 44	1 23		7 11	27 41	11 39	♉ 1 5	15 43	15 5
9	♒ 0 58	♌ 15 16	☊ 0 4		7 6	27 54	12 14	2 20	♉ 17 20	15 2
10	1 58	29 43	1 15		7 1	28 8	12 49	3 35	18 59	14 58
11 ☉	2 59	♍ 14 0	2 28		6 56	28 22	13 26	4 50	20 39	14 55
12	3 59	♎ 27 52	3 29		6 51	28 36	14 2	6 5	22 21	14 52
13	4 59	♏ 11 27	4 20		6 46	28 49	14 37	7 20	24 2	14 49
14	6 0	24 36	4 53		6 41	29 3	15 13	8 35	25 44	14 46
15	7 0	♐ 7 23	☋ 5 12		6 37	29 17	15 48	9 50	27 27	14 43
16	8 0	19 50	5 14		6 32	29 31	16 23	♊ 6	29 11	14 39
17	9 0	♑ 2 3	5 2		6 27	29 45	16 59	12 21	♊ 0 57	14 36
18 ☉	10 0	13 56	4 37		6 23	29 59	17 34	13 36	2 44	14 33
19	11 0	25 45	4 0		6 18	♈ 0 14	18 9	14 51	4 31	14 30
20	12 0	♒ 7 10	3 15		6 13	0 28	18 44	16 5	6 19	14 27
21	13 0	19 24	2 20		6 8	0 43	19 19	17 20	8 10	14 24
22	14 1	♒ 1 20	1 17		6 4	0 57	19 54	18 35	10 2	14 20
23	15 1	13 30	☊ 0 13		5 50	1 11	20 29	19 50	11 54	14 17
24	16 1	26 0	0 55		5 54	1 25	21 4	21 4	13 48	14 14
25 ☉	17 0	♓ 8 39	2 1		5 49	1 40	21 38	22 19	15 43	14 11
26	18 0	21 38	3 4		5 45	1 54	22 12	23 44	17 38	14 8
27	19 0	♈ 4 55	3 56		5 40	2 8	22 47	24 49	19 35	14 4
28	20 0	18 31	4 36		5 35	2 23	23 21	26 4	21 33	14 1

The Latitude of the Planets.

Daies	N	A	S	A	N	D	S	A	S	A
1	1	59	1	10	0	35	1	20	1	37
6	1	59	1	10	0	31	1	24	1	59
11	2	0	1	10	0	27	1	D 26	2	14
16	2	0	1	10	0	22	1	26	2	23
21	2	1	1	9	0	17	1	24	1	56
26	2	1	1	9	0	12	0	22	1	34

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♃ Occid.	♂ Orient.	♀ Orient.	☿ Orient.	The *Planets* mutuall Aspects.
1	✶ 2				✶ 1		□♄♂ 10
2 Purif. Mary		△ 4				□ 1	☌☿♃♂
3	□1037		✶ 13		□ 10		♂☉☿ 11 ✶♂☿
4 G 5p. Epip.		□ 7		☌ 11	Occid.	△ 12	SS♃☿ (22
5 Agatha	△ 17		□ 16		△ 17		SS ♃☉☾ per.
6 D. roth.		✶ 9					
7			△ 19				
8				△ 19			
9 Apollon.						☌ 4	☾☋
10	☌ 4 4	♂ 12		□ 23	☌ 6		
11 G Septuag.			☌ 1				
12							☌♄☿ 14
13				✶ 6			
14 Valentine	△ 23	✶ 22				△ 2	☌☉♄ 15
15 Faustin.		Occid.			△ 4		☊☌☿
16 Juliana			△ 19			□ 21	SS ♃☿
17	□1523	□ 9			□ 23		
18 G Sexag.				♂ 8			
19		△ 21	□ 9			✶ 21	☌♄☿ 23 (
20	✶ 10				✶ 19		☽ Apog.
21			✶ 23				
22 Cath. P.							
23				✶ 14			☾☊
24		☌ 19					□☌☿ ☊
25 G Quinq.	☌1643					☌ 15	
26			☌ 19	□ 1	☌ 4	Occid.	☌☉☿ 9
27							
28 Ashwed.				△ 2			□☌♄♂

The Diurnall Motion of the Planets.

Daies.	☉		☾		Lati. ☾ N	A	♄		♅		♂		♀		☿		☊	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	♓ 20	59	♉ 2	10	5 D	1	♍ 5	31	♎ 2	37	♐ 23	56	♓ 27	19	♓ 23	33	♒ 13	58
2	21	59	16	0	5	10	5	26	2	51	24	31	28	33	25	34	13	55
3	22	59	29	58	5	1	5	21	3	5	♑ 25	6	28	48	♈ 27	36	13	52
4 ☉	23	58	♊ 13	58	4	32	5	17	3	19	25	40	♈ 1	2	29	38	13	48
5	24	58	28	6	3	48	5	13	3	34	26	14	2	16	♈ 1	37	13	45
6	25	58	♋ 12	9	2	50	5	9	3	48	26	48	3	31	3	36	13	42
7	26	57	26	14	1	42	5	5	4	3	27	23	4	46	5	35	13	39
8	27	57	♌ 10	23	0 S	27	5	0	4	17	27	57	6	0	7	34	13	35
9	28	56	24	29	0	49	4	56	4	31	28	30	7	15	9	31	13	33
10	29	55	♍ 8	32	2	1	4	11	4	46	29	4	8	30	11	27	13	29
11 ☉	♈ 0	55	22	24	3	6	4	48	9	0	29	37	9	44	13	20	13	26
12	1	54	♎ 6	3	3	59	4	44	5	15	♈ 0	10	10	59	15	11	13	23
13	2	53	19	27	4	37	4	40	5	29	0	44	12	13	16	59	13	20
14	3	53	♏ 2	34	4	58	4	36	5	44	1	17	13	28	18	45	13	17
15	4	52	15	20	5	5	4	32	5	58	1	50	14	42	20	27	13	13
16	5	51	27	46	4 D	58	4	28	6	12	2	23	15	57	22	7	13	10
17	6	50	♐ 9	54	4	36	4	24	6	27	2	55	17	11	23	44	13	7
18 ☉	7	49	21	51	4	2	4	20	6	41	3	28	18	26	25	16	13	4
19	8	48	♑ 3	39	3	19	4	17	6	56	4	1	19	40	26	43	13	1
20	9	48	15	25	2	28	4	14	7	11	4	34	20	54	28	5	12	58
21	10	47	27	20	1	31	4	11	7	25	5	6	22	8	29	21	12	54
22	11	46	♒ 9	14	0	28	4	7	7	39	5	39	23	22	♉ 0	31	12	51
23	12	45	21	25	0 N	37	4	4	7	54	6	10	24	37	1	35	12	48
24	13	43	♓ 3	55	1	42	4	1	8	9	6	43	25	51	2	34	12	45
25 ☉	14	42	16	47	2	44	3	58	8	23	7	15	27	5	3	25	12	42
26	15	41	♈ 0	3	3	39	3	55	8	38	7	46	28	19	4	12	12	39
27	16	40	13	40	4	22	3	52	8	52	8	18	29	33	4	50	12	36
28	17	39	27	35	4	50	3	49	9	7	8	50	♉ 0	47	5	25	12	32
29	18	38	♉ 11	47	5	1	3	46	9	21	9	21	2	1	5	52	12	29
30	19	36	26	5	4 D	55	3	44	9	36	9	53	3	15	6	10	12	26
31	20	35	♊ 10	28	4	28	3	41	9	50	10	24	4	28	6	21	12	23

The Latitude of the Planets.

Daies	N	A	S	A	S	D	S	D	N	D
1	2	1	1	8	1	20	1	13	1	13
6	2	1	1	8	1	15	0	26	0	26
11	2	1	1	D 8	1	9	0 N	18	0 N	18
16	2	1	1	8	1	0	1	21	1	21
21	2	0	1	8	0	51	2	14	2	14
26	2	0	1	8	0	41	2	50	2	50

Old-Style.	The Lunar Aſpects. ☉	♄ Occid.	♅ Occid.	♂ Orient.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aſpects.
1 2 Simplic.	✶ 11	△ 6				✶ 20	□♂☿6
3 4 ℭ Invocavit	□18 16	□ 9	✶ 5	♂ 21	✶ 0		
5 6 Fridelin.		✶ 12	□ 9		□ 8	□ 7	(Vc♄☿.♂♀☿ ♂♅♀7.♂♅☿3
7 8 Perpet.	△ 1		△ 13		△ 16	△ 19	Vc♄♀ □☉♂0
9 10		♂ 18		△ 7			Bq♄☿ Vc♄♅
11 ℭ Remin. 12 Gregor.	♂16 8		♂ 22	□ 13	♂ 10	♂ 19	Bq♄♀
13 Euphraſ. 14		✶ 4		✶ 21			Vc♄☉.Td♂☿
15 16 Cyriacus	△ 17	□ 13	△ 17				♂☉♅11
17 18 ℭ Oculi			Orient.		△ 16	△ 7	
19 Joſeph. 20	□11 29	△ 1	□ 9	♂ 1	□ 11		△♄♂11.☾Ap. Bq☉♄
21 Benedic. 22	✶ 5		✶ 21			□ 4	Td♂♀.☾☊
23 24		♂ 0		✶ 5	✶ 7	✶ 21	☿inElong.max.
25 ℭ Lætare 26 Caſtulus			♂ 15	□ 14			△♄☿16
27 28	♂ 5 36	△ 10		△ 19	♂ 6	♂ 14	
29 Euchſtach. 30 Guidon.		□ 13	✶ 23				□♅♂0 Bq♄♅.△♄♀9
31	✶ 18						

The Diurnall Motion of the Planets.

Daies	☉ ♈	☾ ♊	Lati. ☾ N.	☿ ♓	♀ ♈	♂ ♍	♃ ♑	♄ ♒	☊ ♒
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1 ☉	21 34	24 47	3 46	3 39	10 4	10 54	5 42	6R 26	12 19
2	22 32	9♋ 0	2 49	3 37	10 19	11 25	6 56	6 27	12 16
3	23 31	23 5	1 44	3 35	10 33	11 56	8 10	6 22	12 13
4	24 29	6♌ 9	0S33	3 32	10 47	12 26	9 23	6 1	12 10
5	25 28	20 48	0 40	3 30	11 2	12 56	10 38	5 5	12 7
6	26 26	4♍31	1 50	3 28	11 16	13 26	11 51	5 31	12 3
7	27 25	18 2	2 53	3 26	11 30	13 56	13 5	5 5	12 0
8 ☉	28 23	1♎30	3 41	3 24	11 44	14 25	14 19	4 36	11 57
9	29 21	15 3	4 25	3 22	11 58	14 54	15 33	4 4	11 54
10	0♉26	27 59	4 49	3 21	12 12	15 23	16 46	3 28	11 51
11	1 18	10♏48	4 59	3 20	12 26	15 52	18 0	2 51	11 48
12	2 16	23 25	4 54	3 19	12 40	16 21	19 14	2 10	11 44
13	3 15	5♐47	4 34	3 18	12 54	16 49	20 28	1 28	11 41
14	4 13	17 54	4 3	3 17	13 8	17 17	21 42	0 46	11 38
15 ☉	5 11	29 49	3 20	3 16	13 22	17 45	22 55	0♈ 6	11 35
16	6 9	11♑40	2 30	3 14	13 36	18 12	24 8	29 30	11 32
17	7 7	23 24	1 34	3 13	13 50	18 41	25 22	28 55	11 29
18	8 5	5♒ 9	0 34	3 12	14 4	19 8	26 35	28 24	11 25
19	9 4	17 10	0N29	3 12	14 18	19 35	27 49	27 55	11 22
20	10 2	29 19	1 32	3 11	14 31	20 2	29 2	27 27	11 19
21	11 0	11♓53	2 32	3 11	14 45	20 28	0♊15	27 3	11 16
22 ☉	11 57	24 50	3 26	3 11	14 59	20 54	1 29	26 45	11 13
23	12 55	8♈ 7	4 11	3 11	15 12	21 20	2 42	26 32	11 9
24	13 52	21 54	4 42	3 11	15 26	21 46	3 56	26 25	11 6
25	14 51	6♉ 6	4 57	3 11	15 39	22 11	5 9	26 D,23	11 3
26	15 49	20 37	4D55	3 11	15 53	22 36	6 22	26 25	11 0
27	16 47	5♊23	4 31	3 11	16 6	23 1	7 36	26 30	10 57
28	17 45	20 13	3 49	3 11	16 19	23 25	8 48	26 41	10 54
29 ☉	18 42	4♋55	2 53	3 12	16 33	23 49	10 1	26 56	10 50
30	19 40	19 28	1 46	3 12	16 46	24 13	11 14	27 16	10 47

The Latitude of the Planets.

Daies	N	A	S	D	S	A	S	D	N	D
1	1	59	1	8	0	38	0	27	2	56
6	1	59	1	8	0	48	0	16	2	25
11	1	59	1	8	0	58	0N	3	1	22
16	1	59	1	8	1	10	0	10	0S	6
21	1	58	1	9	1	22	0	23	1	25
26	1	58	1	9	1	37	0	37	2	29

Old-Style	The Lunar Aspects. ☉	♄ Occid.	♃ Orient.	♂ Orient.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aspects.
1 ☪ Judica		✶ 15	□ 2	☌ 4	✶ 20	✶ 19	♂ ☿ ♀ 14
2 Mar. Æg.							
3	☐ 0 48		△ 6		□ 4	□ 23	☾ ♍
4 Ambros.							
5	△ 8	♂ 22		△ 16	△ 14	△ 2	S S ♃ ♀
6							
7			☌ 18				△ ♂ ♀ 3. Td ♄ ♀
8 ☪ Palm.							
9				□ 0			△ ♄ ☿ 5. Td ♂ ☿
10	☌ 4 46	✶ 10				☌ 10	
11				✶ 10	☌ 15	Orient	♂ ☉ ☿ 10
12 Julius		□ 19					
13 Justinus			△ 14				△ ☉ ♄ 1
14							
15 ☪ Pascha	△ 12	△ 7				△ 0	Td ♂ ☉ ☾ Ap.
16 Carpus.			□ 4	♂ 15			
17					△ 4	□ 11	
18 Valerian.	☐ 6 23		✶ 18				☾ ♌
19					□ 23	✶ 21	S S ♀ ☿
20	✶ 22	☌ 8					
21				✶ 16	✶ 13		
22 ☪ Quasim.							
23 Georg.			♂ 13	□ 0		♂ 8	♄ stat in □ ♀ 9
24		△ 19					
25 Marc.	♂ 15 30			△ 3			Td ☉ ♄
26		□ 21					S S ♃ ☉
27 Anast.			✶ 17		♂ 4		
28		✶ 21				✶ 11	
29 ☪ Mis. Dom			□ 19				☾ Perig.
30	✶ 0			☌ 8		□ 14	

The Diurnall Motion of the Planets.

Daies.	☉ ♉	☾ ♌	Lati. ☾ N	Lati. ☾ D	♄ ♍	♃ ♈	♂ ♑	♀ ♊	☿ ♈	☊ ♒
	D ′	D ′	D ′		D ′	D ′	D ′	D ′	D ′	D ′
1	20 38	3 37	0	S 33	3 12	16 59	24 36	12 27	27 39	10 44
2	21 36	17 36	0	40	3 12	17 12	24 59	13 41	28 6	10 41
3	22 33	1♍26	1	50	3 13	17 25	25 21	14 54	28 37	10 38
4	23 31	14 53	2	53	3 14	17 38	25 43	16 7	29 11	10 35
5	24 29	28 15	3	46	3 15	17 51	26 5	17 19	29 50	10 31
6 ☉	25 26	11♎16	4	25	3 16	18 4	26 26	18 32	0♉33	10 28
7	26 24	24 12	4	50	3 17	18 17	26 47	19 45	1 20	10 25
8	27 21	6♏59	5	D 0	3 19	18 30	27 8	20 58	2 10	10 22
9	28 19	19 33	4	56	3 20	18 43	27 29	22 11	3 3	10 19
10	29 16	1♐58	4	37	3 22	18 56	27 49	23 23	4 1	10 15
11	0♊14	14 8	4	7	3 24	19 8	28 9	24 36	5 1	10 11
12	1 12	26 11	3	24	3 26	19 20	28 28	25 49	6 6	10 7
13 ☉	2 9	8♑ 3	2	34	3 28	19 32	28 40	27 2	7 13	10 6
14	3 6	19 52	1	38	3 30	19 44	29 4	28 15	8 24	10 3
15	4 4	1♒39	0	37	3 32	19 56	29 22	29 28	9 36	10 0
16	5 1	13 26	0	N 25	3 34	20 9	29 39	0♋40	10 51	9 56
17	5 59	25 23	1	27	3 36	20 21	29 56	1 52	12 9	9 53
18	6 56	7♓33	2	27	3 38	20 33	0♒12	3 4	13 31	9 50
19	7 53	20 0	3	21	3 41	20 45	0 27	4 17	14 55	9 47
20 ☉	8 51	2♈52	4	6	3 43	20 57	0 42	5 29	16 22	9 44
21	9 48	16 12	4	41	3 46	21 9	0 56	6 41	17 52	9 40
22	10 45	29 58	4	D 59	3 48	21 21	1 10	7 54	19 24	9 37
23	11 42	14♉13	5	2	3 51	21 33	1 24	9 6	20 59	9 34
24	12 40	28 57	4	45	3 54	21 45	1 36	10 19	22 38	9 31
25	13 37	13♊52	4	7	3 57	21 56	1 49	11 31	24 18	9 28
26	14 34	29 1	3	11	4 0	22 8	2 0	12 43	26 1	9 25
27 ☉	15 31	14♋ 5	2	3	4 3	22 19	2 11	13 55	27 46	9 21
28	16 29	28 56	0	46	4 7	22 30	2 21	15 7	29 35	9 18
29	17 26	13♌32	0	S 32	4 10	22 41	2 30	16 19	1♍26	9 15
30	18 23	27 47	1	47	4 14	22 52	2 38	17 31	2 19	9 12
31	19 20	11♍31	2	53	4 17	23 3	2 46	18 43	3 15	9 9

The Latitude of the Planets.

Daies	☿ N	☿ A	♀ S	♀ D	♂ S	♂ A	♃ N	♃ A	♄ S	♄ A
1	1	56	1	10	1	51	0	48	3	8
6	1	56	1	19	2	7	0	59	3	27
11	1	55	1	11	2	24	1	10	3	25
16	1	54	1	11	2	43	1	20	3 D	5
21	1	53	1	12	3	3	1	29	2	31
26	1	52	1	13	3	22	1	36	1	46

Old-Style	The Lunar Aspects. ☉	♄ Occid.	♅ Orient.	♂ Orient	♀ Occid.	☿ Orient.	The *Planets* mutuall Aspects.
1			△ 23		✶ 16		☾♌
2	□ 7 27					△ 19	
3 Invent. C.		♂ 3					
4 Florianus	△ 17			△ 20	□ 2		
5							✶♅♀13
6 ℭ Jubilate			♂ 13		△ 15		
7		✶ 16		□ 5		♂ 15	△☉♂15 Bq♄♂
8 Staniſl.							Bq♂♀. Q♄♀(
9	♂ 18 21			✶ 15			△♄☿7
10		□ 3					☿ Elong. max
11 Mamert.			△ 10		♂ 23		
12		△ 16				△ 22	
13 ℭ Cantate							☾ Apog.
14			□ 0	♂ 19			□☉♄10 Vc♂♀
15 Sophia	△ 5					□ 18	☾♋
16			✶ 13				
17	□ 22 39	♂ 16			△ 14		Q♅♀
18 Potent.						✶ 13	✶♄♀12
19				✶ 20			Td♄☿
20 ℭ Rogate	✶ 11				□ 5		
21			♂ 9				Td♂♀
22		△ 7		□ 2	✶ 14		
23						♂ 12	SS♅☿
24		□ 8		△ 4			
25 Urbanus			✶ 13				
26		✶ 8					
27 ℭ Exaudi	♂ 2 28		□ 13		♂ 0		☾ Perig.
28				♂ 6		✶ 1	☾♌
29			△ 15				△♂☿15
30 Wigam.		♂ 11				□ 11	□♄☿10
31 Petron.					✶ 14		

The Diurnall Motion of the Planets.

Daies.	☉		☾		Lat. ☾	♄		♃		♂		♀		☿		☊	
	♊		♍		♌	♍		♈		♌		♋		♊		♒	
	D	′	D	′	D	D	′	D	′	D	′	D	′	D	′	D	′
1		20 17	25	11	3	48	4	22	23	14	2	53	19	55	7	14	9 5
2		21 14	8	♎14	4	29	4	26	23	24	2	59	21	7	9	15	9 2
3	☉	22 12	21	12	4	54	4	30	23	35	3	4	22	19	11	17	8 59
4		23 9	3	♏13	5	8	4	34	23	45	3	9	23	31	13	19	8 56
5		24 6	16	21	5	D 5	4	38	23	56	3	14	24	43	15	22	8 53
6		25 3	28	36	4	48	4	42	24	6	3	17	25	55	7	28	8 50
7		26 0	10	♐48	4	20	4	46	24	16	3	21	27	7	9	35	8 46
8		26 57	22	49	3	35	4	50	24	26	3	2	28	18	21	43	8 43
9		27 54	4	♑44	2	45	4	54	24	36	3	27	29	29	23	51	8 40
10	☉	28 51	16	37	1	48	4	58	24	46	3	28	☊	♋41	26	0	8 37
11		29 48	28	25	0	46	5	3	24	56	3	29	1	52	28	9	8 34
12		0♋45	10	♒16	0	N18	5	7	25	6	3	30	3	4	0	♋18	8 31
13		1 43	22	8	1	22	5	12	25	15	3	R29	4	15	2	28	8 27
14		2 40	4	♓7	2	23	5	16	25	25	3	27	5	26	4	38	8 24
15		3 37	16	18	3	19	5	21	25	34	3	24	6	37	6	48	8 21
16		4 34	28	46	4	6	5	26	25	43	3	20	7	49	8	57	8 18
17	☉	5 31	11	♈35	4	42	5	31	25	52	3	15	9	0	11	5	8 15
18		6 28	24	49	5	5	5	36	26	1	3	10	10	11	13	12	8 11
19		7 25	8	♉30	5	12	5	41	26	10	3	4	11	22	15	17	8 8
20		8 22	22	39	5	D 1	5	46	16	19	2	58	12	33	17	22	8 5
21		9 19	7	♊16	4	29	5	51	26	28	2	51	13	44	19	24	8 2
22		10 16	22	12	3	39	5	56	26	36	2	44	14	55	21	24	7 59
23		11 13	7	♋22	2	33	6	1	26	44	2	36	16	6	23	24	7 56
24	☉	12 10	22	36	1	16	6	6	26	52	2	27	17	16	25	23	7 52
25		13 7	7	♌34	0	S 6	6	11	27	0	2	17	18	26	27	20	7 49
26		14 4	22	30	1	26	6	17	27	8	2	6	19	37	29	15	7 46
27		15 1	6	♍59	2	40	6	22	27	16	1	55	20	48	♌	7	7 43
28		15 58	21	4	3	41	1	28	27	23	1	43	21	58	2	56	7 40
29		16 56	4	♎44	4	29	6	34	27	31	1	30	23	9	4	43	7 37
30		17 53	18	0	5	0	6	40	27	38	1	17	24	20	6	28	7 33

The Latitude of the Planets.

Daies	N	A	S	D	S	A	N	A	S	D
1	1	51	1	14	3	47	1	43	0	41
6	1	51	1	15	4	1	1	D 46	0	N 16
11	1	50	1	16	4	36	1	48	1	0
16	1	50	1	17	4	58	1	48	1	34
21	1	49	1	18	5	20	1	46	1	D 49
26	1	49	1	19	5	40	1	41	1	45

Old-Style.	The Lunar Aſpects.						The *Planets* mutuall Aſpects.
	☉	♄ Occid.	♃ Orient.	♂ Orient.	♀ Occid.	☿ Orient	
1 Nichodemus				△ 14			
2						△ 2	SS ☉♀
3 Pẽtecoſt	△ 2		☌ 5	□ 23	□ 2		☽☉♄
4 Boniface		✶ 1					✶☉♃19□♃♀
5					△ 18		(6
6		□ 12		✶ 9			
7						☌ 22	
8 Medard.	☌9 0		△ 3				☽♄☿.Bq☉♂
9		△ 0					✶♃☿9. ☾Ap.
10 Trinity			□ 17				Bq♂☿
11 Barnab.				☍ 10	☌ 8		☾☊ (in♂☿9.
12						Occid.	♂☉☿9♂Ret.(
13	△ 21		✶ 6				♂ Ret. in Vc☿
14 Valerius		☌ 2				△ 1	✶♄☿7Vc☉♂(
15 Vitus				✶ 8	△ 19	□ 22	(SS☿☿
16	□						
17 Gr p. Tri.							✶☉♄ 0
18	✶	△ 19	☍ 2	□			
19 Gervaſius					□ 5	✶ 13	☽♃☉
20 Sylver.		□ 21		△ 17			
21					✶ 11		Td♃☿
22		✶ 22	✶ 7				
23	☍						☾ Perig.
24 Gr 2 p. Tri.			□ 6	☌ 16		☍ 5	□♃☿20. ☾♌
25					☍ 19		
26		☍ 23	△ 7				
27 7 Dorm.	✶						☌♂☿8
28				△ 19			
29 Pet. Pau.	□					✶ 0	
30			☌ 18				

The Diurnall Motion of the Planets.

Daies.	☉ ♋	☾ ♍	Lati. ☾ S A	♄ ♎	♃ ♑	♂ ♌	♀ ♋	☿ ♋	☊ ♌
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1 ☉	18 50	0 49	5 D 14	6 47	27 45	1 3	25 31	8 9	7 30
2	19 47	13 23	5 14	6 51	27 52	0 49	26 41	9 50	7 27
3	20 44	25 41	4 57	6 59	27 59	0 35	27 52	11 29	7 24
4	21 41	7♎50	4 31	7 5	28 6	0 21	29 2	13 7	7 21
5	22 34	19 48	3 50	7 11	28 11	0♍7	0♍12	14 43	7 17
6	23 36	1♏41	3 0	7 17	28 18	29 52	1 21	16 18	7 14
7	24 33	13 33	2 4	7 24	28 24	29 36	2 31	17 51	7 11
8 ☉	25 30	25 20	1 2	7 30	28 30	29 21	3 41	19 19	7 8
9	26 27	7♐12	0 N 0	7 36	28 36	29 5	4 51	20 45	7 5
10	27 25	19 6	1 8	7 41	28 42	28 48	6 1	22 8	7 2
11	28 22	1♑7	2 11	7 48	28 47	28 31	7 11	23 29	6 58
12	29 19	13 15	3 10	7 54	28 53	28 14	8 21	24 48	6 54
13	0♎16	25 35	4 1	8 1	28 58	27 58	9 30	26 7	6 51
14	1 14	8♒11	4 37	8 7	29 3	27 41	10 40	27 24	6 49
15 ☉	2 11	20 59	5 5	8 13	29 8	27 25	11 49	28 40	6 46
16	3 8	4♓11	5 17	8 20	29 13	27 9	12 58	29 53	6 43
17	4 5	17 42	5 D 11	8 27	29 17	26 53	14 7	1♍3	6 39
18	5 3	1♈37	4 47	8 34	29 21	26 38	15 16	2 10	6 36
19	6 0	16 3	4 4	8 40	29 26	26 24	16 24	3 12	6 33
20	6 57	0♉46	3 6	8 47	29 30	26 9	17 33	4 15	6 30
21	7 55	15 45	1 53	8 53	29 34	25 55	18 42	5 14	6 27
22 ☉	8 52	0♊46	0 S 32	9 0	29 38	25 41	19 50	6 10	0 23
23	9 49	15 59	0 51	9 7	29 41	25 27	20 58	7 4	6 20
24	10 47	0♋53	2 10	9 14	29 45	25 13	22 6	7 56	6 17
25	11 44	15 28	3 19	9 21	29 48	25 0	23 14	8 44	6 14
26	12 42	29 46	4 14	9 28	29 51	24 48	24 22	9 33	6 11
27	13 39	13♌32	4 51	9 35	29 53	24 36	25 30	10 16	6 8
28	14 37	26 56	5 D 12	9 43	29 56	24 25	26 38	10 54	6 4
29 ☉	15 34	9♍52	5 16	9 50	29 58	34 14	27 47	11 24	6 1
30	16 32	22 22	5 5	9 57	0♌0	24 3	28 55	11 51	5 58
31	17 30	4♎43	4 40	10 4	0 2	23 53	0♎3	12 14	5 55

The Latitude of the Planets.

Daies	N	A	S	D	S	A	N	D	N	D
1	1	48	1	20	5	56	1	34	1	28
6	1	48	1	21	6	11	1	24	1	59
11	1	47	1	22	6	22	1	13	0 S	16
16	1	47	1	23	6	27	0	58	0	34
21	1	46	1	24	6	29	0	47	1	30
26	1	46	1	25	6	27	0	27	2	25

Old-Style.	The Lunar Aſpects. ☉	♄ Occid.	♅ Orient.	♂ Orient.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aſpects.
1 ♋ 3 p. Tri.		✶ 11		□ 0		□ 15	Bq ♄ ♂
2 Viſit. Mary.	△ 13						
3		□ 22		✶ 9	□ 5		△ ♅ ♀ 3
4 Ulricus						△ 13	Vc ♂ ♀
5 Anſhelm.			△ 17		△ 23		Fd ♅ ☿
6		△ 11					
7							☾ Apog.
8 ♋ 4 p. Fri.	☌ 0 22		□ 6	☌ 8			☾ ☊
9 Cyrill			✶ 19			☌ 6	Bq ♂ ♀. □ ♅ ♂ 6
10 7 Fratr.							
11 Pius		☌ 14		Occid.	☌ 13		☌ ☉ ♂ 3. □ ☉ (
12							(♅ 9. ♂ ♄ ♀ 9
13 Margar.	△ 29			✶ 4			
14							
15 ♋ 5 p. Tri.	21 □ 56		☌ 15	□ 11		△ 16	△ ♅ ♀ 10
16		△ 8			△ 17		
17 Alexius				△ 15			
18 Roſina	✶ 6	□ 11				□ 1	Bq ♂ ♀
19			✶ 21		□ 1		
20		✶ 13				✶ 6	(☾ Perig.
21			□ 22	☌ 16	✶ 5		☿ in Digr. max. (
22 ♋ 6. p. Tri.	13 ☌ 36						☿ ☉ ♄. ☾ ♌
23 Apollin.			△ 22				
24 Chriſtin.		☌ 14				☌ 13	
25 James Ap.				△ 16	☌ 14		☌ ♄ ♀ 21. Bq ♅ ♀
26 Anna							△ ♂ ♀ 5
27 Martha	✶ 0			□ 19			
28			☌ 6				
29 ♋ 7 p. Tri.	11 □ 52	✶ 0				✶ 3	
30				✶ 3	✶ 14		
31 German		□ 11				□ 16	Vc ♅ ♀ Td ♅ ☉

The Diurnall Motion of the Planets.

Daies.	☉		☾		Lati. ☾ S		Lati. ☾ D		♄		♅		♂		♀		☿		☊	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	18	27	16	41	4	3	10	11	0	4	23	44	1	11	12	31	5	52		
2	19	25	28	36	3	15	10	18	0	6	23	36	2	19	12	47	5	48		
3	20	22	10♍	22	2	20	10	25	0	7	23	29	3	27	13	6	5	45		
4	21	20	22	10	1	19	10	33	0	8	23	23	4	33	13	7	5	42		
5 ☉	22	18	4♒	1	0N	15	10	40	0	9	23	17	5	40	13	9	5	39		
6	23	15	15	57	0	51	10	47	0	10	23	12	6	47	13	R 5	5	36		
7	24	13	28	0	1	55	10	55	0	10	23	8	7	54	12	53	5	33		
8	25	11	10♓	13	2	55	11	2	0	11	23	4	9	0	12	34	5	29		
9	26	9	22	37	3	48	11	9	0	11	23	1	10	6	12	9	5	26		
10	27	7	5♈	13	4	30	11	17	0	11	22	59	11	12	11	40	5	23		
11	28	4	18	7	5	0	11	25	0R	11	22	Di58	12	18	11	6	5	20		
12 ☉	29	2	1♉	3	5	13	11	32	0	11	22	58	13	24	10	28	5	17		
13	29	59	14	14	5D	12	11	39	0	10	22	59	14	30	9	44	5	14		
14	0♏	58	27	45	4	54	11	47	0	9	23	1	15	36	8	56	5	10		
15	1	56	11♊	32	4	18	11	54	0	8	23	3	16	41	8	4	5	7		
16	2	54	25	37	3	25	12	2	0	7	23	7	17	46	7	10	5	4		
17	3	52	10♋	1	2	20	12	10	0	6	23	11	18	51	6	15	5	1		
18	4	50	24	38	1	6	12	17	0	4	23	16	19	56	5	17	4	58		
19 ☉	5	48	9♌	25	0S	16	12	24	0	2	23	22	21	1	4	22	4	54		
20	6	46	24	16	1	36	12	32	0	0	23	28	22	5	3	29	4	51		
21	7	44	9♍	3	2	49	12	39	29♈	58	23	35	23	9	2	38	4	48		
22	8	43	23	38	3	49	12	47	29	56	23	42	24	13	1	48	4	45		
23	9	41	7♎	55	4	34	12	54	29	53	23	50	25	17	1	6	4	42		
24	10	39	21	49	5	1	13	1	29	50	24	0	26	21	0	31	4	39		
25	11	37	5♏	22	5	10	13	10	29	48	24	11	27	24	0	0	4	35		
26 ☉	12	36	18	17	5D	3	13	17	29	45	24	22	28	27	29♌	40	4	32		
27	13	34	0♐	53	4	41	13	24	29	41	24	33	29	30	29	Di33	4	29		
28	14	32	13	8	4	7	13	32	29	38	24	45	0♏	33	29	31	4	26		
29	15	31	25	8	3	23	13	39	29	34	24	57	1	35	29	41	4	23		
30	16	29	6♑	58	2	30	13	47	29	31	25	10	2	38	0♍	0	4	20		
31	17	27	18	43	1	32	13	54	29	27	25	24	3	40	0	26	4	16		

The Latitude of the Planets.

Daies	N	A	S	D	S	D	N	D	S	A
1	1	46	1	26	6	19	0	5	3	29
6	1	46	1	28	6	7	0	19	4	11
11	1	46	1	29	5	52	0	41	4D	37
16	1	46	1	30	5	39	1	6	4	21
21	1	47	1	31	5	24	1	31	3	16
26	1	47	1	32	5	7	1	57	1	43

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Old-Style	The Lunar Aspects. ☉	♄ Occid.	♃ Orient.	♂ Occid.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aspects.
1	△ 4		△ 3		△ 8		
2							
3		△ 0	□ 16	☌ 2		△ 5	☿☌♀☾Apog.
4							
9 ♋ 8 p. Tri.					△ 4		☾☊.Vc ☉☌
6 Sixtus	15☌48						
7			✶ 4				
8		☌ 2				☌ 4	
9				✶ 1			(SS♀☿
10 Laurent.					☌ 13		SS♄♀☌♄♀13(
11	△ 20		☍ 22	□ 9			☌Dir. in ☐q ☉
12 ♋ 9. p. Tri.		△ 19				△ 16	
13				△ 16			♃stat in △☉4
14 Eusebius	□6 2					□ 18	
15 Asum. M.		□ 1			△ 10		
16 Rochus	✶ 13		✶ 7			✶ 18	
17		✶ 3		☌ 22	□ 16		☾Perig.
18			□ 9			Orient.	☌☉☿6. ☾☊
19 ♋ 10. p. Tri.					✶ 20		
20 Bernard	21☌44		△ 9			☌ 14	
21		☌ 6					□ ☌♀ 11
22				△ 0			
23 Zachæus							
24 Bartbol.			☌ 14	□ 4	☍ 9	✶ 14	
25	✶ 12	✶ 15					
26 ♋ 11. p. Tri.				✶ 12		□ 20	☌☉♄19
27 Gebhar.		Orient					☌♃♀4
28 Augustus	□3 3	□ 1					△♃♀12
29 Decol. Jo.			△ 9		✶ 15	△ 8	
30	△ 14	△ 14					
31 Paulinus			□ 22	☍ 14			

The Diurnall Motion of the Planets.

Dates.	☉	☾	Lat. ☾ S	Lat. ☾ D	♄	♃	♂	♀	☿	♋
	♍	♒			♍	♈	♑	♍	♎	♒
	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	18 26	0 31	0 N30	14 2	29 23	25 39	4 41	1 2	4 13	
2 ☉	19 24	12 20	0 34	14 9	29 18	25 55	5 42	1 48	4 10	
3	20 23	24 23	1 38	14 17	29 13	26 12	6 43	2 39	4 7	
4	21 22	6♓35	2 37	14 24	29 8	26 29	7 43	3 37	4 4	
5	22 20	19 4	3 31	14 32	29 3	26 48	8 44	4 42	4 0	
6	23 19	1♈45	4 15	14 39	28 58	27 6	9 44	5 56	3 57	
7	24 18	14 42	4 46	14 47	28 53	27 24	10 44	7 16	3 54	
8	25 16	27 53	5 D 3	14 54	28 47	27 4	11 43	8 41	3 51	
9 ☉	26 15	11♉11	5 4	15 1	28 42	28 4	12 42	10 12	3 48	
10	27 14	24 42	4 49	15 9	28 36	28 25	13 40	11 46	3 44	
11	28 13	7♊51	4 16	15 16	28 30	28 46	14 38	13 22	3 41	
12	29 11	22 11	3 29	15 24	28 24	29 7	15 36	15 0	3 38	
13	♎ 19	6♋2	2 29	15 31	28 18	29 29	16 33	16 39	3 35	
14	1 9	20 10	1 14	15 38	28 12	29 51	17 29	18 20	3 32	
15	2 8	4♌26	0 S 4	15 46	28 5	0♒14	18 25	20 4	3 29	
16 ☉	3 7	18 47	1 11	15 53	27 59	0 37	19 21	21 50	3 25	
17	4 6	3♍14	2 24	16 0	27 52	1 1	20 17	23 39	3 22	
18	5 5	17 38	3 27	16 8	27 45	1 26	21 12	25 32	3 19	
19	6 4	1♎57	4 15	16 15	27 38	1 50	22 6	27 23	3 16	
20	7 4	16 3	4 47	16 22	27 31	2 15	23 0	29 12	3 13	
21	8 3	29 50	5 1	16 29	27 24	2 40	23 53	♎ 59	3 10	
22	9 2	13♍15	4 D 59	16 37	27 17	3 5	24 46	2 48	3 6	
23 ☉	10 1	26 2	4 39	16 44	27 10	3 32	25 39	4 35	3 3	
24	11 1	8♐53	4 7	16 51	27 3	3 59	26 29	6 22	3 0	
25	12 0	21 11	3 23	16 58	26 56	4 27	27 20	8 8	2 57	
26	12 59	3♑11	2 34	17 5	26 48	4 56	28 10	9 53	2 54	
27	13 59	15 1	1 38	17 12	26 40	5 25	28 59	11 38	2 51	
28	14 58	26 43	0 37	17 19	26 31	5 55	29 47	13 23	2 47	
29	15 58	8♒19	0 N25	17 26	26 24	6 25	0♐35	15 6	2 44	
30 ☉	16 57	20 20	1 26	17 33	26 16	6 24	1 22	16 49	2 41	

The Latitude of the Planets.

Dates	☿ N	☿ A	☿ S	☿ D	♋ D	♋ S	♋ A	♋ N	♋ A
1	1	48	1	33	4	47	2	28	0	13
6	1	48	1	34	4	26	2	55	1	4
11	1	49	1	35	4	13	3	21	1	42
16	1	49	1	36	3	56	3	46	1 D	52
21	1	50	1	36	3	39	4	10	1	41
26	1	50	1	36	3	23	4	31	1	18

Old-Style	The Lunar Aspects. ☉	♄	♅	♂	♀	☿	The *Planets* mutuall Aspects.
		Orient	Orient.	Occid.	Occid.	Orient.	
1 Ægidius					□ 9		☿ Bq ♂ ☿
2 ☾ 12 p. Tri.							
3			✶ 9			♂ 17	
4 Theod.		♂ 15			△ 2		☿ Elong. max.
5	♂ 6 42			✶ 15			☿ Bq ☉ ♅
6 Magnus							
7 Regin.			♃ 1	□ 0		△ 22	
8							
9 ☾ 13 p. Tri.	△ 6	△ 7		△ 7	♂ 3		♀ Elong. max.
10							□ ♅ ♂ 14
11		□ 12				□ 10	✶ ♄ ♀ 18 △ ☉ ♂ ☾
12	□ 13 4		✶ 11				♂ ♄ ♀ 6. ✶ ♀ ☿ 20
13		✶ 16			△ 19	✶ 20	(21 Vc ♅ ☉
14 Exalt. Cr.	✶ 20		□ 13	♂ 17			☾ ♂ ♀. ☾ Perig.
15							☾ ♉
16 ☾ 14. p. Tri.			△ 15		□ 1		
17 Lampert.		♂ 21					
18					✶ 6	♂ 15	
19	♂ 7 32			△ 0			Vc ♅ ☿ 1
20 Fausta			♂ 20				
21 Matthew				□ 5			△ ♂ ☿ 5
22		✶ 6			♂ 23		
23 ☾ 15. p. Tri.				✶ 14		✶ 18	Vc ♅ ♀
24 Samuel	✶ 4	□ 16					
25			△ 12			□ 16	
26 Cyprian	21 □ 43						☾ ♄ ♀
27 Cos. Da.		△ 5					☾ Apog.
28 Wenc.			□ 0	♂ 20	✶ 7		
29	△ 16					△ 15	♂ ☉ ☿ 4. SS ☉ ♄
30 ☾ 16. p. Tri.			✶ ♑ 13				

The Diurnall Motion of the Planets.

Daies.	☉ ♎	☾ ♓	Lati. N	Lati. A	☾	♄ ♍	♃ ♈	♂ ♒	♀ ♐	☿ ♎	☊ ♒
	D ′	D ′	D	′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	17 57	2 24	2	25	17 40	26 8	7 25	2 8	18 31	2 38	
2	18 56	14 44	3	18	17 47	25 59	7 55	2 53	20 12	2 35	
3	19 56	27 21	4	3	17 54	25 51	8 26	3 37	21 53	2 31	
4	20 56	10♈21	4	36	18 1	25 43	8 56	4 21	23 33	2 28	
5	21 56	23 39	4	D55	18 7	25 35	9 27	5 4	25 13	2 25	
6	22 55	7♉15	4	58	18 14	25 27	9 57	5 45	26 52	2 22	
7 ☉	23 55	20 59	4	45	18 20	25 19	10 28	6 24	28 31	2 19	
8	24 55	4♊56	4	13	18 27	25 11	10 59	7 2	0♍ 8	2 16	
9	25 55	18 58	3	26	18 34	25 3	11 30	7 40	1 46	2 12	
10	26 55	2♋59	2	28	18 40	24 55	12 2	8 17	3 23	2 9	
11	27 55	17 2	1	19	18 46	24 47	12 34	8 52	5 0	2 6	
12	28 55	1♌ 0	0	S 6	18 53	24 39	13 7	9 26	6 35	3 3	
13	29 54	15 2	1	6	18 59	24 31	13 40	9 58	8 9	2 0	
14 ☉	0♍54	29 8	2	16	19 5	24 23	14 14	10 29	9 44	1 56	
15	1 54	15♍ 4	3	17	19 11	24 15	14 48	10 58	11 17	1 53	
16	2 55	27 2	4	6	19 18	24 7	15 22	11 26	12 51	1 50	
17	3 55	10♎54	4	39	19 24	23 59	15 58	11 52	14 23	1 47	
18	4 55	24 37	4	D56	19 30	23 52	16 33	12 17	15 56	1 44	
19	5 53	8♍ 5	4	57	19 36	23 43	17 7	12 39	17 28	1 41	
20	6 55	21 20	4	40	19 42	23 35	17 42	13 0	18 59	1 37	
21 ☉	7 55	4♐13	4	10	19 47	23 28	18 17	13 19	20 30	1 34	
22	8 56	16 33	3	28	19 53	23 20	18 53	13 37	22 0	1 31	
23	9 56	29 0	2	38	19 59	23 13	19 28	13 52	23 30	1 28	
24	10 56	11♑ 2	1	41	20 5	23 5	20 4	14 7	25 0	1 25	
25	11 57	22 51	0	41	20 11	22 58	20 39	14 18	26 30	1 22	
26	12 57	4♒38	0N	22	20 16	22 51	21 15	14 27	27 59	1 18	
27	13 58	16 27	1	22	20 22	22 44	21 51	14 33	29 28	1 15	
28 ☉	14 58	28 14	2	20	20 27	22 37	22 27	14 37	0♐57	1 12	
29	15 59	10♓19	3	13	20 33	22 30	23 3	14 R 39	2 25	1 9	
30	16 59	22 42	3	59	20 38	22 24	23 39	14 R 39	3 53	1 6	
31	18 0	5♈22	4	33	20 43	22 17	24 16	14 36	5 20	1 3	

The Latitude of the Planets.

Daies	N	A	S	D	S	D	S	A	N	D
1	1	51	1	36	3	8	4	50	0	50
6	1	52	1	36	2	53	5	D 6	0	S 18
11	1	53	1	35	2	40	5	16	0	16
16	1	54	1	35	2	26	5	22	0	49
21	1	55	1	34	2	13	5	17	1	19
26	1	56	1	33	2	0	5	3	1	46

Old-Style.	The Lunar Aſpects. ☉	♄ Orient.	♃ Orient.	♂ Occid.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aſpects.
1					□ 0		Bq♃♀. Td♂☿
2 Leodeg.		♂ 6					
3				✶ 21	△ 12		Td ♂☉
4 Franciſc.	20♂40						
5			♂ 4			♂ 3	♂ ♃ ☿ 5
6		△ 19		□ 5			
7 ✠ 17 p. Tri.							
8		□ 23	Occid.	△ 10	♂ 4		♂ ☉ ♃ 6
9 Dionyſ.	△ 13		✶ 10				
10 Gedeon						△ 1	☾ Perig.
11 Burchar.	20□ 7	✶ 3	□ 13				Bq♄♃ Bq♄♂
12 Colman				♂ 21	△ 15	□ 10	☾ ♌
13			△ 16				
14 ✠ 18 p. Tri.	✶ 3				□ 20	✶ 20	SS ♀ ☿
15 Hedwig.		♂ 10					
16 Gallus							
17			♂ 22	△ 9	✶ 2		
18 Lucas	19♂50						□ ♂ ☿ 15
19 Ptolem.		✶ 21		□ 17		♂ 19	
20							✶ ♄ ☿ 11
21 ✠ 19 p. Tri.					♂ 18		
22 Cordula		□ 6	△ 13	✶ 5			Vc ♃ ☿
23 Severin.							Vc♄♂. ☾ Apog.
24 Salome	✶ 0	△ 19					
25 Criſpin.			□ 0			✶ 9	☾ ☊
26 Amand.	18□29				✶ 20		Bq ♃ ☿
27			✶ 12	♂ 11			SS ☉ ♀
28 ✠ 20 p. Tri.						□ 6	✶ ♃ ♂ 6
29	△ 12	♂ 20			□ 8		Q ♄ ☿
30							
31 Wolfg.						△ 0	

The Diurnall Motion of the Planets.

Daies	☉	☾	Lati. N.	Lati. A.	☿	♀	♂	♃	♄	♅	♆
	♍	♈	☾	☾	♎	♐	♒	♌	♐	♌	♒
	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	19 0	18 25	4 54	20 48	22 11	24 52	14 30	6 47	0 59		
2	20 1	1♉56	5 ☽ 0	20 53	22 4	25 30	14 22	8 12	0 56		
3	21 2	15 54	4 49	20 58	21 58	26 7	14 13	9 37	0 53		
4 ☉	22 2	0♊ 2	4 20	21 3	21 52	26 45	14 0	11 0	0 50		
5	23 3	14 25	3 33	21 8	21 46	27 22	13 45	12 23	0 47		
6	24 4	28 53	2 33	21 12	21 40	28 0	13 28	13 44	0 44		
7	25 4	13♋21	1 23	21 17	21 35	28 37	13 8	15 4	0 40		
8	26 5	27 45	0 S 8	21 21	21 29	29 16	12 47	16 25	0 37		
9	27 6	11♌57	1 7	21 26	21 24	29 54	12 23	17 43	0 34		
10	28 7	26 0	2 18	21 30	21 19	0♓32	11 57	18 57	0 31		
11 ☉	29 8	9♍52	3 19	21 34	21 14	1 10	11 29	20 10	0 28		
12	0♐ 9	23 48	4 9	21 38	21 10	1 48	10 58	21 21	0 25		
13	1 10	7♎13	4 42	21 42	21 5	2 26	10 26	22 29	0 21		
14	2 11	20 38	5 1	21 47	21 1	3 3	9 52	23 34	0 18		
15	3 11	3♏55	5 ☽ 3	21 51	20 56	3 43	9 19	24 38	0 15		
16	4 12	16 59	4 50	21 55	20 53	4 21	8 49	25 39	0 12		
17	5 13	29 52	4 29	21 59	20 50	5 0	8 10	26 36	0 9		
18 ☉	6 14	12♐30	3 39	22 2	20 46	5 37	7 35	27 28	0 6		
19	7 15	24 55	2 48	22 6	20 43	6 17	6 59	28 15	0♈ 2		
20	8 16	7♑ 4	1 51	22 10	20 40	6 56	6 23	28 56	29 59		
21	9 17	19 1	0 49	22 14	20 38	7 35	5 47	29 27	29 56		
22	10 18	0♒51	0N 14	22 17	20 35	8 15	5 12	29 48	29 53		
23	11 19	12 37	1 17	22 20	20 32	8 54	4 37	0♈ 4	29 50		
24	12 20	24 23	2 17	22 23	20 29	9 33	4 3	0 11	29 47		
25 ☉	13 22	6♓14	3 11	22 26	20 27	10 13	3 31	0 R 7	29 43		
26	14 23	18 20	3 58	22 29	20 25	10 52	3 0	29♐53	29 40		
27	15 24	0♈38	4 35	22 31	20 23	11 32	2 36	29 28	29 37		
28	16 25	13 19	4 59	22 34	20 21	12 12	2 3	28 50	29 34		
29	17 26	26 24	5 8	22 37	20 19	12 52	1 37	28 2	29 31		
30	18 28	9♉58	5 ☽ 2	22 39	20 19	13 33	1 13	27 6	29 28		

The Latitude of the Planets.

Daies	N	A	S	D	S	D	S	D	S	A
1	1	57	1	32	1	46	4	32	2	13
6	1	56	1	31	1	36	3	50	2	26
11	1	59	1	30	1	25	2	55	2 ☽	29
16	2	1	1	29	1	15	1	45	2	15
21	2	2	1	27	1	6	0 S	27	1	39
26	2	3	1	26	0	57	0	47	0	25

Old-Style.	The Lunar Aspects.						The *Planets* mutuall Aspects.
	☉	♄ Orient.	♃ Occid	♂ Occid.	♀ Occid.	☿ Occid.	
1 All Saints.			☌ 7	✶ 11			
2 Animarum							✶ ☉ ♄ 22
3	☌ 23	△ 9		□ 17			☋ ♂ ♀. Vc ☉ ♃
4 G 21 p. Tri.					☌ 23	☌ 20	
5		□ 11	✶ 12	△ 22			☌ ♀ ☿ 20
6 Leonhard							
7 Florent.	△ 21	✶ 13	□ 13				☾ Perig. Vc ♄ ♃ ☾ ♋
8							
9 Theod.			△ 16		△ 1	△ 11	☋ ♂ ♀. Bq ☉ ♃
10	3 □ 57			☌ 8			
11 G 22 p. Tri.		☌ 20			□ 3	□ 20	△ ♃ ♀ 20
12	✶ 12						□ ♄ ☿ 6
13					✶ 6		
14 Frideri.			☌ 1			✶ 6	
15 Leopold.				△ 0			☋ ☉ ♄. ☿ Elo. m.
16		✶ 9					□ ♂ ☉ 10
17	11 ☌ 3			□ 10	☌ 15		
18 G 23 p. Tri.		□ 19	△ 16				☌ ☾ ☿ 20
19 Elizabetha					Orient.	☌ 7	□ ♂ ♀ 13
20				✶ 0			
21 Obl. Mar.		△ 7	□ 3				☾ ☊
22 Cæcilia	✶ 21				✶ 9		☾ Apog.
23 Clement.			✶ 16				☋ ♄ ♀
24					□ 19	✶ 11	
25 G 24 p. Tri.	15 □ 27			☌ 9			
26 Conrad.		☌ 8				□ 22	☋ ♂ ☿
27					△ 3		
28	△ 6		☌ 13				
29 Saturn.		△ 22		✶ 7		△ 3	
30 Andrew							

The Diurnall Motion of the Planets.

Daies	☉ ♐	☾ ♉	Lati. ☾ N	Lati. ☾ D	♄ ♍	♃ ♎	♂ ♓	♀ ♐	☿ ♐	☊ ♑
	D ′	D ′	D ′		D ′	D ′	D ′	D ′	D ′	D ′
1	19 29	23 56	4 37		22 42	20 17	14 12	0 53	26 3	29 24
2 ☉	20 30	8 ♊ 19	3 55		22 44	20 17	14 52	0 34	24 53	29 21
3	21 31	22 59	2 56		22 46	20 17	15 31	0 17	23 39	29 18
4	22 32	7 ♋ 51	1 46		22 48	20 17	16 11	0 ♏ 3	22 20	29 15
5	23 34	22 44	0 ☽ 27		22 50	20 17	16 51	29 52	21 1	29 12
6	24 35	7 ♌ 31	0 54		22 52	20 17	17 31	29 23	19 44	29 9
7	25 36	22 9	2 10		22 54	20 17	18 10	29 36	18 32	29 5
8	26 37	6 ♍ 38	3 17		22 56	20 17	18 50	29 31	17 33	29 2
9 ☉	27 39	20 29	4 11		22 57	20 18	19 30	29 D 29	16 41	28 59
10	28 40	4 ♎ 6	4 48		22 59	20 19	20 10	29 30	15 53	28 56
11	29 41	17 39	5 D 8		23 0	20 20	20 50	29 33	15 11	28 53
12	0 ♑ 42	0 ♏ 48	5 13		23 1	20 22	21 30	29 39	14 36	28 50
13	1 44	3 45	5 2		23 2	20 23	22 11	29 47	14 11	28 46
14	2 45	26 29	4 35		23 3	20 25	22 51	29 57	14 D 1	28 42
15	3 46	8 ♐ 58	3 55		23 4	20 27	23 32	0 ♐ 9	14 5	28 40
16 ☉	4 48	21 19	3 5		23 5	20 29	24 12	0 23	14 22	28 37
17	5 49	3 ♑ 28	2 7		23 6	20 31	24 52	0 40	14 47	28 34
18	6 50	15 29	1 5		23 7	20 34	25 33	0 59	15 18	28 31
19	7 52	27 24	0 N 0		23 7	20 37	26 14	1 20	15 53	28 27
20	8 53	9 ♒ 13	1 5		23 8	20 39	26 54	1 42	16 33	28 24
21	9 54	21 10	2 7		23 8	20 42	27 35	2 7	17 16	28 21
22	10 56	2 ♓ 51	3 4		23 8	20 46	28 16	2 32	18 4	28 18
23 ☉	11 57	14 45	3 54		23 R 8	20 49	28 56	2 59	18 56	28 15
24	12 58	26 49	4 33		23 8	20 53	29 36	3 27	19 53	28 12
25	13 59	9 ♈ 8	5 0		23 8	20 57	0 ♈ 17	3 58	20 54	28 8
26	15 1	21 45	5 14		23 7	21 2	0 57	4 32	22 0	28 5
27	16 2	4 ♉ 47	5 D 14		23 7	21 6	1 37	5 7	23 8	28 2
28	17 3	18 11	4 56		23 6	21 11	2 18	5 43	24 18	27 59
29	18 4	2 ♊ 4	4 20		23 6	21 16	2 58	6 20	25 30	27 56
30 ☉	19 6	16 24	3 27		23 5	61 20	3 39	6 58	26 43	27 53
31	16 7	1 ♋ 6	2 20		29 4	21 25	4 19	7 37	27 57	27 49

The Latitude of the Planets.

Daies	N	A	S	D	S	D	N	A	N	A
1	2	4	1	24	0	48	1	56	1	10
6	2	5	1	22	0	41	2	53	2	25
11	2	7	1	21	0	33	3	36	2	51
16	2	8	1	19	0	27	4	9	2 D	42
21	2	10	1	18	0	20	4	30	2	10
26	2	11	1	16	0	13	4	40	1	21

Old-Style	The Lunar Aspects. ☉	♄ Orient	♃ Occid.	♂ Occid.	♀ Orient.	☿ Occid.	The *Planets* mutuall Aspects.
1 Longin.					☌ 11		△ ☉ ♃ 19
2 G 1 Advent	21 ☌ 25		✶ 20	□ 10			(16
3 Cassian		□ 0				☌ 1	☌ ☉ ☿ 22. □ ♄ ☿
4 Barbara			□ 20	△ 13		Orient.	□ ☉ ♄ 6
5		✶ 0			△ 11		△ ♃ ☿ 14
6 Nicol.			△ 21			△ 19	☿ d ☌ ☿ ☾ Perig.
7	△ 16				□ 12		
8				☌ 22		□ 18	
9 G 2 Advent	13 □ 40	☍ 4			✶ 15		(SS ☉
10						✶ 20	SS ♃ ☌ ☿ Dir. in
11 Damascus			☌ 5				
12 Epimach.	✶ 0						
13 Lucia		✶ 18		△ 16			☿ d ☉ ♃
14 Nicasius					☍ 6		☌ ♄ ☍ 7
15			△ 23			☍ 10	
16 G 3 Adve.		□ 3		□ 6			
17 Lazarus	5 ☍ 7						
18 Christoph.		△ 16	□ 10	✶ 21			
19					✶ 8		☾ ☊ ☾ Apog.
20			✶ 23			✶ 16	
21 Thō. Apo.					□ 23		☿ d ☉ ♄
22	✶ 18						
23 G 4 Advent		☌ 17				□ 9	☿ in Digres. max
24 Ada. Eva				☍ 5	△ 13		
25 Nat. D.	10 □ 2		☍ 23			△ 0	△ ♃ ☿ 1
26 Stephen							
27 John Evā.	△ 21						□ ♄ ☿ 0. ☾ ♄ ☿
28 Innocents		△ 9					
29				✶ 2	☌ 7		
30 G David		□ 11	✶ 7			☌ 18	
31 Sylvest.				□ 5			

The Radices of the middle motions of the Planets January 1, 1655. *at noone, in the Meridian of* London, *according to* HARMONICON COELESTE.

	S	D	′	″
The progression of the first ✶ of ♈ from the Vernall Equinox.	00	28	22	51
The meane Longitude of the ☉	9	20	52	22
The Aphelion of the ☉	3	6	38	56
The meane Longitude of the ☾	11	5	45	50
The Aphelion of the ☾	8	26	29	3
The Node ascend. of ☾	10	17	5	52
The meane motion of ♄	4	29	6	46
The Aphelion of ♄	8	27	12	16
The Node ascend. of ♄	3	21	5	3
The meane motion of ♃	0	0	21	58
The Aphelion of ♃	6	8	48	25
The Node ascend. of ♃	3	5	37	42
The meane motion of ♂	6	23	30	43
The Aphelion of ♂	5	00	5	37
The Node ascend. of ♂	1	17	22	44
The meane motion of ♀	9	2	7	21
The Aphelion of ♀	10	25	11	46
The Node ascend. of ♀	2	13	31	48
The meane motion of ☿	4	21	3	41
The Aphelion of ☿	8	14	22	14
The Node ascend. ☿	1	13	51	0

End of the Ephemeris *for the year of the Christian Æra* 1655.

AN EPHEMERIS OF The Cœleſtiall Motions: for the Yeare of the Chriſtian Æra, M DC LVI.

Whereto are numbred from

		YEARS
The	Creation of the World	5605
	Generall Deluge	3949
	Building of *London*	2763
	Death of *Alexander* the Great	1979
	Conſtitution of the *Julian* Year	1700
	Paſſion and death of Chriſt	1623
	Hegyra or flight of *Mahomet*	1065
	Correction of the Kalender by P. *Gregorie.*	74
	Biſſextile *or* Leap-year.	0

JULIAN.		GREGORIAN.
4	The Golden Number.	4
13	Cycle of the Sunne.	13
F E	Dominicall Letter.	E A
9	Roman Indiction.	9
4	Epact.	4
16	Number of Direction.	19
Februa. 3	Septuageſima.	13 *Febr.*
Februa. 20	*Dies Cinerum.*	1 *March*
Aprill 6	Eaſter day.	16 *Aprill*
May 11	Rogation Sunday.	21 *May*
May 15	Aſcenſion day.	25 *May*
May 25	Whitſunday.	4 *June*
Novem. 30	Advent Sunday.	3 *Decemb.*

Authore VINCENTIO WING, *Philomathematico.*

LONDON,
Printed by ROBERT and WILLIAM LEYBOURN, for the Company of STATIONERS: 1652.

Of the Eclipses 1656.

THere will be five Eclipſes this preſent year: twice ſhall part of this terreneall ſtarre be deprived of the Sun's illuminating Raies, and thrice ſhall the ſecondary planet the Moon be ſubject to the like paſſion, but we in *England*, ſhall onely ſee the two former, and that in ſuch manner, as the ſubſequent calculations doth demonſtrate.

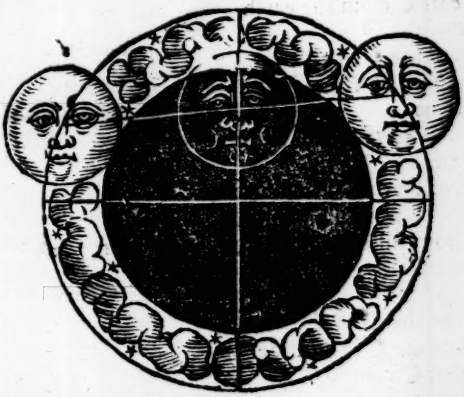
The Calculation of the Eclipſe of the Moon, which will be viſible in England, January 1. *in the evening.*

			D	H	′	″
The middle ☍ of the Luminaries at *London*,		*Jan.*	1	4	53	37
The Interval of the middle and true ☍.		*Ad.*		3	33	55
The middle time of the true ☍		*Jan.*	1	8	27	32
The coæquate Anomalie of ☉		*Sig.*	6	14	33	47
The coæquate Anomalie of ☾		*Sig.*	5	14	59	52
The true place of ☉ from the Earth			♍	21	29	52
The true place of ☾ in her Orbite.			♎	21	29	52
Argument of the ☾ latitude		*Sig.*	5	23	44	51
The true latitude of ☾	*North Deſcend.*				32	38
Reduction		*Adde*			1	31
Place of ☾ in the Ecliptique			♎	21	31	23
Hourly motion of ☉					2	33
Hourly motion of ☾					37	56
Hourly motion of ☾ from ☉					35	23
The time of Reduction		*Subſt.*			2	34
The corrected time of the true ☍		*Janua.*	1	8	24	58
The Æquation of Civil Dayes		*Subſtr.*			8	5
The apparent time of the true ☍ at *London*,		*Jan.*	1	8	16	53
The Semidiameter of ☾					16	57
The ſemidiameter of the ſhadow					46	20
The aggregate of the Semidiameters					63	17
The part deficient					30	39
The digits Eclipſed			*dig*	10	50	58
The ſcruples of Incidence					54	13
The time of Incidence				1	31	56
The totall duration				3	3	52
Interval of the true ☍ & greeteſt obſcuration		*Adde*			4	49

Hence

Hence,	H	′	″
The beginning of the Eclipse	6	49	46
The true Opposition	8	16	53
The middle or greatest obscuration	8	21	42
The end.	9	53	38

Latitude of the Moon at the { Beginning 27′ 39″ } *No. Desc.*
{ End 27 36 }



Those people may observe this Eclipse in their meridian, who are removed from *London* towards the East 3ho 26′ 57″ under the longitude of 72d 44′ 15″, which meridian passeth neer *Syria*, *Chaldea*, *Persia*, *Damascus*, *Hierusalem*, and the adjacent places.

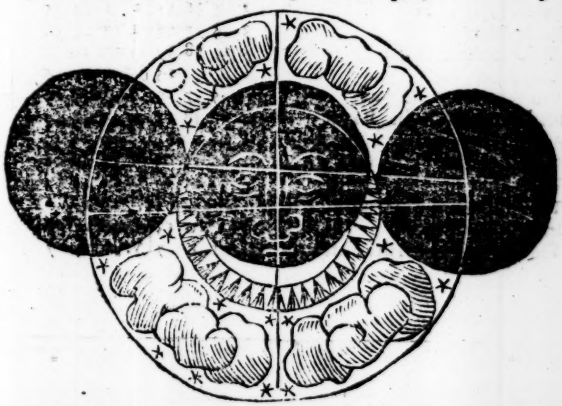
The Calculation of the Eclipse of the Sun, that is to happen the 16 *of* January *in the afternoon.*

	D	H	′	″
Time of the mean *Syzygia*	*January* 15	23	15	41
Interval of the mean and true *Syzygia*	*ad.*	1	33	19
Middle time of the true *Syzygia*	*Janua.* 16	0	49	0
Coæquate anomalie of the Sun		6	29	16	12
Coæquate anomalie of the moon	*sig.* 11	27	31	55
True place of the Luminaries	*sig.* ♒	6	27	24
Argument of the Moons latitude		0	9	29	0
Reduction *substract*				2	17
Place of the Moon in the ecliptique	♒	6	25	7
Hourly motion of Moon from Sun			27	8
Therefore the time of Reduction	*ad.*		5	3
Adæquate time of the true *Syzygia*	16	0	54	3

			S	D	′	″
Æquation of time	*subst.*				11	41
Apparent time of the true conjunction	*January*	16		0	42	22
At which time is given						
Altitude of the sun				19	7	56
Altitude of the moon				19	53	42
Distance of ☉ from the earth					98	45
Distance of ☾ from the earth					42	25
Parallax of the ☉ in altitude					2	16
Parallax of the ☾ in altitude					52	54
Parallax of the ☾ from ☉					50	38
Point orient				22	58	♊
The 90 degree of the ecliptique				22	58	♓
Parallactical angle				68	32	58
Parallax of ☾ from ☉ in longitude					18	31
Parallax of ☾ from ☉ in latitude					47	7
To one hour following the true conjunction, *viz.*				1	42	22
Altitude of ☉ is				16	15	59
Altitude of ☽				17	14	27
Patallax of the ☉ in altitude					2	18
Parallax of the ☾ in altitude					53	29
Parallax of ☾ from ☉					51	11
Point Otient				6	46	♋
Nonagesime degree				6	46	♈
Parallactical angle				59	16	39
Parallaxis longitudinis of ☾ from ☉					26	9
Parallaxis latitudinis					44	0
Difference of the parallax in longitude					7	38
Therefore the hourly motion seen					19	40
Therefore the visible conjunction will be	*Jan.*	16	1	38	52	
At which time the *Parallaxis longitudinis* is					25	45
Distance of ☉ and ☾					25	33
Difference						12
Which divided by the visible hourly motion giveth				*ad.*		36
Therefore the exact time of the visible ☌	*Jan.*	16	1	39	28	
At which time is given.						
Altitude of ☉				16	27	21
Altitude of ☾				17	25	33

	S	D	′	″
Parallax of ☉ in altitude			2	18
Parallax of the ☾			53	26
Parallax of ☾ from ☉			51	8
Point Orient		6	9	♋
The 90d of the Ecliptique		6	9	♈
Parallacticall angle		59	41	59
Parall..xis longitudinis			25	48
Parallaxis latitudinis			44	9
Distance of ☉ and ☾			25	48
Argument of the Moons latitude	0	9	57	21
True latitude of the Moon	*N.*	*A.*	51	50
Latitude of the Moon seen	*N.*	*A.*	7	41
The semidiameter of the Sun			16	42
The semidiameter of the Moon			15	35
The summe of their semidiameters			32	17
Part deficient			24	36
Digits eclipsed	*dig*	8	50	18
Minutes of incidence			31	21
Time of incidence		1	35	38
Time of emersion		1	31	1
Totall duration		3	6	39
Interval of the visible & and greatest obscuration	*sw.*		2	2
The beginnining at *London*		0	1	48
The middle		1	37	26
The visible conjunction		1	39	28
The end		3	8	27

A Scheme of this Eclipse.



The third is a totall Eclipse of the ☾ upon the 26 of *Inne*. which will be seen in *Indea*, *Syria*, *Arabia*. *China*, *Lapland*, in the Islands *Sumatra*, both the *Iava's* and in the *Philippine* Islands, &c.

The fourth Eclipse is of the ☉ upon the 11d. of *Iuly* in the evening, which wil appear totall in the southern parts of the earth, in the *Pacifick* Sea, and in the Straights of *Magellanica*, &c.

The fift and last is of the ☾, upon the 21d of *December*, at 10 hours *A.M.*. It's a very great Eclipse, and wil shew it self to our *Antipodes* and *Periæcis*, and to such people as dwel in *California*, the Gulfe of *Mexico*, *New-Spaine*, *Granada*, *Barbados*, in the Islands *Los Mongos*, *La Veniza*, *La des Gratiada*, *Los Gardinos*, *De los Tiberonos*, and in the Island of *Good-Hope*, &c.

The Calculation of the Conjunction of the two superiour Planets, ♃ & ♂, that will happen Jan. 31d at $\left\{\begin{matrix} 3^h 58' \ 0'' \ T.M. \\ 3 \ 45 \ 32 \ \ T.A. \end{matrix}\right\}$ *in* 25d 25′ 17″ ♈

	S	D	′	″
Mean motion of the Sun	10	20	21	53
His Aphelion	3	6	40	5
Mean Anomalie	7	13	41	5
Æquation adde		1	26	21
Suns true place	♒	21	48	19
His Distance from the earth		98734		

	♃ S	D	′	″	♂ S	D	′	″
Mean motion	1	3	12	59	1	20	36	23
Aphelion	6	8	49	30	5	0	6	56
Mean Anomalie	6	24	23	29	8	20	29	27
Absolute Æquation	*ad*	2	23	56	*ad*	10	37	42
Excentrique place	1	5	36	55	2	1	14	5
Node Ascend.	3	5	37	56	1	17	23	31
Argument of latitude	9	29	58	59	0	13	50	34
Reduction	*ad*			25	*su:*			26
True place from the Sun	1	5	37	20	2	1	13	39
Place of Sun from the Earth	10	21	48	19	10	21	48	19
Anomalie of Commutation	9	16	10	59	8	20	34	40
Parallax of the Earths Orb	*su*	10	12	3	*su.*	35	48	22
True place from he Earth	♈	25	25	17	♈	25	25	17
True distance from ☉ in the Orbe		499549				151192		
Inclination	*Sou.*	1	10	53	*North*	26	34	
True latitude from the Earth.	*S.D.*	1	6	7	*N. A.*	24	7	

The

The calculation of the ☌ ♄ ☍ that will happen this year 1656

September 23d at $\left\{\begin{matrix}6^h\ 53'\ 00''\ T.M.\\ 7\ \ 00\ \ 40\ \ T.A.\end{matrix}\right\}$ in 28d 9' 57'' *Virgo*.

	S	D	′	″
Middle motion of the ☉	6	13	5	56
Aphelion	3	6	40	43
Mean Anomalie	3	6	25	13
Æquation *subſtr.*			2	24
Suns true place from the earth	♎	11	3	32
diſtance of the earth from ☉		99832		

	♄ S	D	′	″	♂ S	D	′	″
Middle motion	5	20	15	31	5	24	21	2
Aphelion	8	27	14	34	5	0	7	43
Mean anomalie	8	23	0	57	0	24	13	19
Abſolute Æquation	*ad.* 6	34	58		*ſu.*	3	56	2
Excentrique Place	5	26	50	29	5	20	25	0
Node aſcend.	3	21	6	5	1	17	23	58
Argument of latitude	2	5	44	24	4	3	1	2
Reduction	*ſu.*		1	15	*ad.*			49
True place from ☉	5	26	49	14	5	20	25	49
Place of ☉ from the Earth	6	11	3	32	6	11	3	32
Anomalie of Commutation	0	14	14	18	0	20	37	43
Parallax of the Earths Orb	*ad.* 1	20	43		*ad.*	7	44	8
True place from the Earth	♏ 28	9	57		♏ 28	9	57	
Diſtance from ☉ in the Orb	949728				165542			
Inclination from the Ecliptick	*No.* 2	17	11		*Nor.* 1	33	7	
True latitude from the Earth	*N.A.* 2	4	28		*N.D.*	58	59	

Saturn elevated above *Mars* 1d 5' 29''

The

The Calculation of the true places of the *Sun* and *Mars*, *Jan.* 1. 1656. at noon, according to the doctrine of *Harmonicon Cœleste*.

	S	D	′	″
Middle motion of ☉	9	20	38	2
Aphelion of ☉ *subst.*	3	6	39	58
Anomalie of ☉	6	13	58	4
Æquation of ☉ *adde*			30	15
True place of ☉	♈	21	8	17
His dist. from Earth		98282		

	s	d	′	″
Middle motion of ♂	1	4	47	51
Aphelion of ♂ *subst*	5	0	6	50
Mean Anomaly of ♂	8	4	41	1
Æquation adde		10	3	26
Place of ♂ *frō* ☉ *in his Or.*	1	14	51	17
Node Ascend. subst.	1	17	23	28
Argument of Latitude	11	27	27	49
Reduction adde				4
Place ♂ *frō* ☉ *in the Ecli.*	1	14	51	21
Place of ☉ *from Earth*	9	21	8	17
Anomalie of commutat.	8	6	16	56
½ *Sum of the opposite ang.*		56	51	32
Parall. of earths Orb sub.	1	9	51	15
True place of ♂ *frō earth*	♈	5	0	6

147323 *Dist.* ♂ *from* ☉

Inclination of ♂ 0ᵈ 4′ 55″
Reduction add 4
Curtation 0

147323 *Dist.* ♂ *from* ☉
98282 *Dist.* ☉ *from earth*

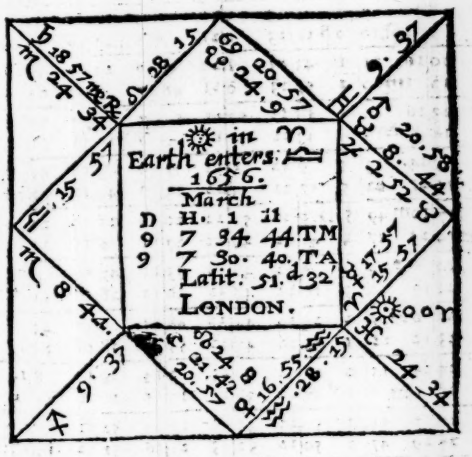
Summe	245605	3,39023
Diff.	49041	2,69056
Tang. 56ᵈ 51′ 32″		10,18514
		12,87570
Tang. 17 0 17		9,48547

Aggr. 73 51 49 *Ang. of Elōg.*
Diff. 39 51 15 *Parallax of the Orbe.*

Then for the Latitude I say

As the Sine of the angle of Elongation 73ᵈ 51′ 49″ 9,98254
To the Sine of the angle of Commutation 66 16 56 9,96167
So the Co-tangent of the Inclination 0 4 55 12,84466
To the Co-tangnt of the latitude of ♂ *S.D.* 5 10 12,82379

The



The exact time of the Earths ingresse into the other three Cardinall Signes.

		H	′	″	
Earth ♈, ☉ ♎, *June* 10d	{	10	35	32	T M
	{	10	35	6	T A.
Earth ♈, ☉ ♎, *September* 12d	{	1	31	15	T M
	{	1	35	19	T A
Earth ♎, ☉ ♈, *December* 10d	{	13	5	48	T M
	{	13	6	14	T A.

The Diurnall Motion of the Planets.

Daies.	☉ ♑	☾ ♋	Lati. ☾ N	Lati. ☾ D	♄ ♏	♅ ♈	♂ ♈	♀ ♐	☿ ♐	☊ ♑
	D /	D /	D /		D /	D /	D /	E /	D /	D /
1	21 8	16 7	1 2		23 3	21 31	5 0	8 12	28 29	27 46
2	22 9	1♌10	0 S 21		23 2	21 37	5 41	8 55	29 49	27 43
3	23 10	16 21	1 43		23 1	21 42	6 21	9 19	1♍16	27 39
4	24 12	1♍20	2 57		23 0	21 48	7 2	10 24	2 43	27 36
5	25 13	16 0	3 58		22 59	21 54	7 42	11 10	4 10	27 33
6 ☉	26 14	0♎18	4 43		22 57	22 0	8 22	11 57	5 37	27 30
7	27 15	14 13	5 9		22 55	22 7	9 3	12 45	7 4	27 27
8	28 16	27 42	5 17		22 53	22 13	9 44	13 33	8 33	27 23
9	29 17	10♏49	5 D 9		22 51	22 20	10 25	14 22	10 3	27 20
10	0♒19	23 37	4 46		22 49	22 27	11 6	15 11	11 34	27 17
11	1 20	6♐4	4 8		22 48	22 33	11 47	16 0	13 6	27 14
12	2 21	18 20	3 20		22 46	22 40	12 28	16 51	14 39	27 11
13 ☉	3 22	0♑25	2 25		22 44	22 48	13 8	17 43	16 11	27 8
14	4 23	12 22	1 23		22 42	22 55	13 48	18 35	17 42	27 4
15	5 24	24 15	0 18		22 40	23 3	14 29	19 28	19 14	27 1
16	6 25	6♒5	0N 47		22 38	23 10	15 10	20 22	20 45	26 58
17	7 26	17 55	1 50		22 35	23 17	15 52	21 17	22 16	26 55
18	8 27	29 47	2 50		22 32	23 25	16 32	22 12	23 47	26 51
19	9 28	11♓42	3 41		22 29	23 32	17 13	23 8	25 18	26 49
20 ☉	10 29	23 45	4 24		22 26	23 40	17 54	24 4	26 49	26 46
21	11 30	5♈57	4 55		22 23	23 48	18 34	25 1	28 21	26 43
22	12 31	18 18	5 12		22 20	23 57	19 15	25 59	29 56	26 40
23	13 32	0♉56	5 D 16		22 17	24 6	19 55	26 57	1♒32	26 36
24	14 33	13 51	5 4		22 14	24 16	20 36	27 56	3 9	26 33
25	15 34	27 9	4 35		22 11	24 25	21 16	28 55	4 46	26 30
26	16 34	10♊50	3 49		22 8	24 34	21 57	29 54	6 21	26 27
27 ☉	17 35	24 56	2 50		22 4	24 44	22 37	0♑53	7 59	26 24
28	18 36	9♋27	1 48		22 1	24 53	23 18	1 53	9 38	26 21
29	19 37	24 20	0 18		21 57	25 3	23 58	2 53	11 18	26 17
30	20 38	9♌34	1 S 5		21 53	25 13	24 39	3 53	12 57	26 14
31	21 38	24 34	2 23		21 49	25 24	25 19	4 54	14 37	26 11

The Latitude of the Planets.

Dates	N	A	S	D	S	D	N	D	N	D
1	2	13	1	14	0	5	4	41	0♀	30
6	2	14	1	12	0	0	4	34	0	11
11	2	15	1	10	0	N 6	4	27	0	46
16	2	16	1	9	0	11	4	12	1	13
21	2	17	1	7	0	16	3	57	1	40
26	2	18	1	6	0	20	3	37	1	57

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♃ Occid	♂ Occid.	♀ Orient	☿ Orient.	The *Planets* mutuall Aspects.
1 Circumcis.	8♂25	✶ 13	□ 9				□☉♃ 10 Ecl.☾
2				△ 7	△ 13		△☉♄ 21 ☾Per.
3			△ 9				
4 Telesspho					□ 15	△ 2	☌ ♃ ☿
5	△ 17	☌ 12					
6 ✠ Epiphany				☍ 15	✶ 19	□ 10	☌☉♂
7 Julianus			☍ 15				
8 Erhard.	1□ 8					✶ 22	
9		✶ 23					□♂☿ 10 ☌♄☿
10 Paul Er.	✶ 13						
11 Hygynus				△ 12	☌ 12		
12		□ 9	△ 9				
13 ✠ 1 p. Epip.							
14 Felix		△ 21	□ 22	□ 3		☌ 12	
15							☍ ☿ ☿ ☾Apog.
16 Marcel.	0☌54			✶ 19			Eclipsis ☉ vis.
17 Anton.			✶ 11		✶ 6		△♄☿ 8 □♃☿ 18
18 Prisca.							□ ♄ ☿ 8
19		☍ 21					
20 ✠ 2 p. Epip.					□ 0	✶ 7	
21 Agneta	✶ 13						☌☉♃
22 Vincent			☌ 11	☌ 2	△ 14		
23						□ 1	
24 Timoth.	1□22	△ 15					
25 Conv. P.						△ 15	Bq ☉ ♄
26	△ 10	□ 19		✶ 23			Vc ♄ ♂
27 ✠ 3 p. Epip.			✶ 0		☍ 10		
28		✶ 20		□ 23			
29			□ 1				☌♂☿
30 Adelg.	19♂ 2					☍ 8	☌♃☿ (Vc ☉ ♄
31					△ 17		☌♃♂ 4 Bq ♄ ☿ ☾

The Diurnall Motion of the Planets.

Daies	☉	☽	Lati. S	Lati. A	☽	♄	♃	♂	♀	☿	☊
	♒	♍				♍	♈	♉	♑	♒	♑
	D ′	D ′			D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	22 39	9 42	3 31		21 45	25 31	25 59	5 55	16 24	26 8	
2	23 40	24 25	4 23		21 41	25 44	26 39	6 56	18 9	26 4	
3 ☉	24 40	9♎ 8	4 57		21 37	25 54	27 20	7 57	19 54	26 1	
4	25 41	23 15	5 11		21 33	26 4	28 0	8 59	21 39	25 58	
5	26 41	6♏55	5 D 7		21 29	26 14	28 41	10 1	23 25	25 54	
6	27 42	20 6	4 47		21 25	26 25	29 21	11 4	25 11	25 51	
7	28 42	2♐47	4 14		21 20	26 36	0♉ 2	12 7	27 0	25 48	
8	29 43	15 29	3 28		21 16	26 46	0 42	13 10	28 50	25 45	
9	0♓43	27 26	2 35		21 11	26 57	1 22	14 13	0♓40	25 41	
10 ☉	1 43	9♑25	1 37		21 7	27 8	2 3	15 16	2 30	25 38	
11	2 44	21 15	0 33		21 2	27 19	2 43	16 19	4 20	25 35	
12	3 44	3♒ 2	0N31		20 57	27 30	3 27	17 22	6 12	25 32	
13	4 45	14 54	1 33		20 53	27 41	4 3	18 26	8 7	25 29	
14	5 45	26 42	2 33		20 49	27 52	4 44	19 30	10 6	25 26	
15	6 45	8♓41	3 26		20 44	28 4	5 24	20 34	12 10	25 22	
16	7 45	20 46	4 10		20 40	28 15	6 4	21 39	14 20	25 19	
17 ☉	8 45	2♈57	4 42		20 35	28 27	6 45	22 44	16 26	25 16	
18	9 45	15 25	5 2		20 31	28 39	7 25	23 49	18 32	25 13	
19	10 46	27 58	5 8		20 27	28 50	8 5	24 54	20 37	25 10	
20	11 46	10♉46	5 D 0		20 23	29 2	8 45	25 59	22 42	25 7	
21	12 46	23 45	4 35		20 18	29 14	9 25	27 6	24 47	25 3	
22	13 46	6♊58	3 55		20 13	29 26	10 5	28 14	26 43	25 0	
23	14 46	20 31	2 51		20 8	29 38	10 45	29 22	28 24	24 57	
24 ☉	15 46	4♋23	1 56		20 4	29 50	11 25	0♒31	29 54	24 54	
25	16 46	18 38	0 43		19 59	0♉ 3	12 6	1 40	1♈15	24 51	
26	17 45	3♌ 8	0S36		19 54	0 15	12 46	2 48	2 54	24 48	
27	18 45	17 55	1 56		19 49	0 27	13 26	3 57	4 4	24 44	
28	19 45	2♍56	3 2		19 45	0 39	14 6	5 6	5 45	24 41	
29	20 45	17 53	3 59		19 4	0 52	14 46	6 15	7 25	24 38	

The Latitude of the Planets.

Daies	N	A	S	D	N	A	N	D	S	D
1	2	20	1	5	0	25	3	12	2	5
6	2	21	1	4	0	29	2	52	2	1
11	2	22	1	3	0	33	2	30	1	45
16	2	22	1	2	0	36	2	7	1	13
21	2	23	1	1	0	39	1	43	0	29
26	2	24	1	0	0	41	1	16	0N	29

Old-Style.	The Lunar Aspects.						The *Planets* mutuall Aspects.
	☉	♄ Orient.	♃ Occid.	♂ Occid.	♀ Orient	☿ Orient	
1 Brigitta 2 Purif. Mary		☌ 18			□ 21		Td ♃ ♀
3 ♱ Septuag. 4	△ 5		☍ 5	☍ 9		△ 20	Bq♄♂. Vc ♄☿ Td♄☿. ✱☉♃
5 Agatha 6 Doroth.	15□37	✱ 3			✱ 6	□ 11	(11 ✱♃☿18 Td♂♀
7 8		□ 12	△ 23				(15
9 10 ♱ Sexag.	✱ 6			△ 8	☌ 11	✱ 7 Occid.	☌☉☿1. ✱♂☿
11 12		△ 0	□ 13	□ 1			☾☊ ☾Apog.
13 14 Valentine	19☌46		✱ 2	✱ 17			
15 Faustin. 16		☍ 0			✱ 19	☌ 8	△♄♀3
17 ♱ Quinq. 18 Concord.					□ 17		☍♄☿22
19 20 Cinerum	✱ 2	△ 18	☌ 2	☌ 20			
21 22 Cath. P.	13□5	□ 23			△ 6	✱ 2	
23 24 ♱ Quadr.	△ 21		✱ 15	✱ 11		□ 15	□♃♀7. SS♃☿
25 Matthias 26		✱ 2	□ 18	□ 16	☍ 23	△ 23	☾☋ ✱♀☿15 ☾Per.
27 28 Leand.		Occid.	△ 20	△ 19			☍☉♄o
29 Roman	14☍58	☌ 3					

The Diurnall Motion of the Planets.

Daies	☉ ♓	☾ ♎	Lati. ☾ S	Lati. ☾ A	♄ ♍	♅ ♉	♃ ♋	♀ ♒	☿ ♈	☊ ♍
	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	21 45	2 45	4 39	19 35	1 2	15 26	7 24	9 0	24 39	
2 ☉	22 45	17 22	5 0	19 31	1 18	16 6	8 33	10 25	24 32	
3	23 45	1♏17	5 D 2	19 26	1 31	16 46	9 41	11 45	24 28	
4	24 44	15 23	4 45	19 21	1 43	17 26	10 49	13 0	24 25	
5	25 44	28 40	4 17	19 17	1 56	18 6	11 58	14 10	24 22	
6	26 43	11♐29	3 31	19 12	2 9	18 45	13 6	15 15	24 19	
7	27 43	23 59	2 39	19 8	2 22	19 25	14 15	16 14	24 16	
8	28 42	6♑5	1 41	19 3	2 35	20 5	15 24	17 6	24 13	
9 ☉	29 41	17 59	0 40	18 58	2 48	20 45	16 33	17 47	24 9	
10	♈41	29 46	0 N 17	18 54	3 1	21 25	17 42	18 18	24 6	
11	1 40	11♒30	1 23	18 48	3 14	22 4	18 50	18 38	24 3	
12	2 39	23 18	2 22	18 42	3 27	22 44	19 59	18 51	24 0	
13	3 39	5♓11	3 14	18 39	3 41	23 24	21 8	18 56	23 57	
14	4 38	17 15	3 59	18 35	3 54	24 4	22 17	18 R 49	23 54	
15	5 37	29 35	4 31	18 30	4 8	24 43	23 26	18 34	23 50	
16 ☉	6 36	12♈4	4 52	18 26	4 20	25 23	24 35	18 15	23 47	
17	7 35	24 44	5 0	18 22	4 34	26 3	25 44	17 50	23 44	
18	8 34	7♉39	4 D 55	18 17	4 48	26 42	26 54	17 16	23 41	
19	9 34	20 44	4 29	18 13	5 1	27 22	28 3	16 38	23 38	
20	10 33	3♊56	3 50	18 9	5 15	28 2	29 13	15 58	23 35	
21	11 32	17 23	2 51	18 5	5 29	28 41	♍23	15 8	23 31	
22	12 31	0♋57	1 58	18 1	5 43	29 20	1 33	14 38	23 28	
23 ☉	13 30	14 41	0 49	17 57	5 57	0♊0	2 43	13 55	23 25	
24	14 28	28 41	0 S 24	17 53	6 10	0 40	3 53	13 8	23 22	
25	15 27	12♌55	1 37	17 49	6 24	1 19	5 3	12 18	23 19	
26	16 26	27 20	2 45	17 44	6 38	1 58	6 13	11 26	23 16	
27	17 25	12♍1	3 43	17 40	6 52	2 37	7 23	10 37	23 12	
28	18 24	26 42	4 26	17 36	7 6	3 17	8 33	9 52	23 9	
29	19 22	11♎9	4 D 51	17 33	7 20	3 56	9 43	9 12	23 6	
30 ☉	20 21	25 29	4 58	17 29	7 33	4 36	10 53	8 37	23 3	
31	21 20	9♏39	4 47	17 26	7 47	5 15	12 3	8 5	23 0	

The Latitude of the Planets.

Daies	N	A	S	D	N	A	N	D	N	A
1	2	24	1	0	0	44	0	55	1	18
6	2	24	0	59	0	46	0	32	2	16
11	2	24	0	58	0	49	0	11	3	3
16	2	24	0	58	0	51	0	S 9	3	14
21	2	23	0	58	0	53	0	28	2	49
26	2	23	0	57	0	55	0	44	1	46

Old-Style	The Lunar Aſpects. ☉	♄ Occid.	♃ Occid.	♂ Occid.	♀ Orient.	☿ Occid.	The *Planets* mutuall Aſpects.
1 Albinul.					△ 8	☌ 11	
2 ☾ Remain							
3			☌ 0		□ 15		
4 Adrian	△ 18	✱ 7		☌ 4			
5							Bq ♄♀. (max.
6 Fridelin.		□ 15			✱ 4	△ 8	△♄♂15☿Digr
7 Perpet.	8□ 5		△ 16				
8							
9 ☾ Oculi		△ 2		△ 8		□ 0	☾☊.
10	✱ 3		□ 8		☌ 23		
11				□ 23		✱ 15	Vc♄♀. Vc♄☿
12 Gregor.			✱ 21				
13 Euphraſ.							SS☉♃.☿♀(
14		☌ 3		✱ 14			(☾ Apog.
15	12☌36						
16 ☾ Lætare						☌ 11	
17 Gertrud.			☌ 19		✱ 2		□☌♀ 15
18		△ 19					
19 Joſeph.				☌ 13	□ 14		
20	✱ 13					✱ 20	
21 Bendic.		□ 2					
22	21□45		✱ 8		△ 1	□ 22	Td ♄☌
23 ☾ Judica		✱ 7				Orient.	☌☉☿5. ☾♍
24			□ 15	✱ 4		△ 23	
25 Annun. M.	△ 5						☾Perig
26 Caſtulus			△ 15	□ 8	☌ 16		✱♃♀ 11
27		☌ 9					Vc☉♄
28				△ 11		☌ 21	SS♀☿
29	14☌46						
30 ☾ Palm.			☌ 20				
31					△ 4		SS♃☿

The Diurnall Motion of the Planets.

Daies.	☉ ♈	☾ ♍	Lati. ☾ S	Lati. ☾ D	♄ ♍	♅ ♉	♂ ♊	♀ ♓	☿ ♈	☊ ♎
	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	22 18	23 22	4 17	17 23	8 1	5 55	13 13	7 36	22 57	
2	23 17	6♐41	3 35	17 20	8 15	6 34	14 24	7 16	22 53	
3	24 15	19 32	2 43	17 17	8 29	7 14	15 34	7 4	22 50	
4	25 14	2♑1	1 45	17 14	8 43	7 53	16 4	6 53	22 47	
5	26 12	14 10	0 43	17 10	8 58	8 32	17 55	6 43	22 44	
6 ☉	27 11	26 4	0N 19	17 7	9 12	9 11	19 5	6 33	22 41	
7	28 9	7♒49	1 21	17 4	9 26	9 50	20 16	6 37	22 37	
8	29 7	19 36	2 18	17 1	9 40	10 29	21 27	6 46	22 34	
9	♉6	1♓25	3 10	16 58	9 54	11 8	22 37	6 58	22 31	
10	1 4	13 22	3 55	16 55	10 8	11 47	23 48	7 12	22 28	
11	2 2	25 32	4 31	16 52	10 23	12 27	24 58	7 34	22 24	
12	3 1	7♈59	4 50	16 50	10 37	13 6	26 9	7 59	22 21	
13 ☉	3 59	20 41	4 59	16 48	10 51	13 45	27 20	8 29	22 18	
14	4 57	3♉39	4D 53	16 46	11 5	14 24	28 31	9 4	22 15	
15	5 55	16 56	4 30	16 44	11 20	15 3	29 41	9 43	22 12	
16	6 53	0♊23	3 53	16 41	11 34	15 42	0♈52	10 26	22 8	
17	7 51	14 2	3 3	16 39	11 48	16 21	2 3	11 11	22 5	
18	8 49	27 47	1 59	16 37	12 2	17 0	3 14	11 59	22 2	
19	9 47	11♋38	0 49	16 35	12 16	17 39	4 25	12 51	21 59	
20 ☉	10 45	25 33	0S 24	16 33	12 30	18 17	5 36	13 48	21 56	
21	11 43	9♌30	1 36	16 31	12 44	18 56	6 48	14 48	21 53	
22	12 41	23 34	2 44	16 30	12 59	19 35	7 59	15 51	21 49	
23	13 39	7♍40	3 41	16 28	13 13	20 14	9 10	16 57	21 46	
24	14 37	21 48	4 24	16 27	13 27	20 53	10 22	18 5	21 43	
25	15 35	6♎2	4 52	16 26	13 42	21 32	11 33	19 14	21 40	
26	16 33	20 9	5 2	16 25	13 56	22 11	12 44	20 25	21 37	
27 ☉	17 31	4♏10	4 54	16 24	14 10	22 50	13 56	21 38	21 34	
28	18 28	17 57	4D 28	16 22	14 24	23 29	15 9	22 53	21 30	
29	19 26	1♐28	3 46	16 21	14 38	24 7	16 20	24 10	21 27	
30	20 24	14 37	2 59	16 20	14 52	24 46	17 32	25 31	21 24	

The Latitude of the Planets.

Daies	N	A	S	D	N	A	S	A	N	D
1	2	22	0	57	0	57	1	2	0	10
6	2	22	0	56	0	59	1	14	1	5
11	2	21	0	56	1	0	1	26	1	59
16	2	20	0	55	1	2	1	34	2	43
21	2	20	0	55	1	3	1	41	3	3
26	2	19	0	54	1	4	1	44	3	6

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Old-Style	The Lunar Aspects. ☉	♄ Occid.	♃ Occid.	♂ Occid.	♀ Orient.	☿ Orient	The *Planets* mutuall Aspects.
1							
2 Mar. Æg.		□ 20		☌ 0	□ 14	△ 1	Bq ☉ ♄. ✶ ♂ ☿ 8
3	△ 10						
4 Ambros.			△ 13			□ 9	☌ ♄ ♀ 10
5		△ 6			✶ 8		☾ ☊.
6 ☪ Paſcha	2 □ 29					✶ 21	SS ♃ ♂
7 Egeſip.			□ 3	△ 5			
8	✶ 21						☾ Apog.
9 Albinus			✶ 17	□ 21	☍ 23		
10 Ezekiel		☌ 7					
11							
12				✶ 10		☍ 0	
13 ☪ Quaſim.							
14 Tiburt.	2 ☌ 32		☍ 14				
15 Olympia		△ 0					
16					✶ 1	✶ 19	
17		□ 5		☍ 4			□ ♄ ☍ 10
18 Valerian.	✶ 21				□ 10		SS ♃ ☿
19		✶ 8	✶ 1			□ 2	☾ ♈
20 ☪ Miſ. Dom					△ 18		☿ in B long. max
21	4 □ 4		□ 5	✶ 17		△ 10	♀ ☌ ☿. ☾ Perig.
22			Orient.				☍ ☉ ♃ 10 ♀ ♄ ☿
23 Georg.	△ 10	☍ 15	△ 10	□ 22			
24 Adelb.							
25 Marc.					☌ 10		
26			△ 4			☌ 0	△ ☉ ♄ 21
27 ☪ Jubilate		✶ 21	☌ 17				
28 Vital.	1 ☌ 0						SS ♃ ♀ Bq ♄ ☿
29							✶ ☍ ☿ 22
30		□ 3		☌ 20	△ 6	△ 23	☽ ♄ ♀

The Diurnall Motion of the Planets.

Daies	☉		☾		Lati. ☾		♄		♃		♂		♀		☿		☊	
					S	N												
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1		21 22	27	23	1	57	16	19	15	6	25	25	18	44	26	55	21	21
2		22 19	9♍	52	0	52	16	18	15	20	26	4	19	25	28	23	21	18
3		23 17	22	1	0N	13	16	18	15	34	26	43	21	7	29	55	21	14
4	☉	24 15	3♎	55	1	15	16	18	15	48	27	21	22	19	1♉	31	21	11
5		25 12	15	47	2	15	16	17	16	2	28	0	23	30	3	10	21	8
6		26 10	27	32	3	9	16	17	16	17	28	39	24	42	4	50	21	5
7		27 7	9♐	22	3	55	16	17	16	31	29	17	25	54	6	29	21	2
8		28 5	21	18	4	31	16	17	16	45	29	56	27	6	8	8	20	58
9		29 3	3♑	31	4	55	16	17	16	59	0♋	35	28	18	9	47	20	55
10		0♊ 0	16	0	5	5	16	17	17	13	1	13	29	30	11	26	20	52
11	☉	0 58	28	51	5	D 2	16	17	17	27	1	51	0♌	42	13	14	20	49
12		1 55	12♉	1	4	43	16	18	17	41	2	30	1	54	15	5	20	46
13		2 52	25	32	4	6	16	18	17	55	3	8	3	6	17	2	20	43
14		3 50	9♊	22	3	16	16	19	18	9	3	47	4	18	19	5	20	39
15		4 47	23	26	2	13	16	20	18	23	4	25	5	30	21	14	20	36
16		5 45	7♋	38	1	0	16	21	18	37	5	4	6	42	23	24	20	33
17		6 42	21	53	0S	16	16	22	18	51	5	42	7	54	25	28	20	30
18	☉	7 39	6♌	10	1	32	16	23	19	4	6	21	9	6	27	32	20	27
19		8 37	20	21	2	43	16	24	19	18	6	59	10	18	29	34	20	24
20		9 34	4♍	28	3	43	16	25	19	32	7	38	11	30	1♊	36	20	20
21		10 31	18	30	4	29	16	27	19	45	8	16	12	43	3	40	20	17
22		11 29	2♎	12	4	58	16	28	19	59	8	55	13	55	5	46	20	14
23		12 26	16	14	5	10	16	30	20	12	9	33	15	7	7	55	20	11
24		13 23	29	56	5D	5	16	32	20	26	10	11	16	19	10	4	20	8
25	☉	14 20	13♏	29	4	43	16	33	20	39	10	50	17	32	12	14	20	5
26		15 18	26	51	4	3	16	35	20	53	11	29	18	44	14	24	20	1
27		16 15	9♐	59	3	14	16	37	21	6	12	7	19	56	16	32	19	58
28		17 12	22	52	2	18	16	39	21	20	12	45	21	9	18	39	19	55
29		18 9	5♑	31	1	10	16	41	21	34	13	24	22	21	20	46	19	52
30		19 6	17	49	0	3	16	43	21	47	14	2	23	34	22	52	19	49
31		20 4	29	57	1N	4	16	45	22	0	14	40	24	46	24	59	19	46

The Latitude of the Planets.

Daies	N	A	S	D	N	A	☽	A	S	D
1	2	18	0	54	1	5	1	47	2	54
6	2	17	0	54	1	6	1 D	47	2	30
11	2	16	0	54	1	7	1	45	1	48
16	2	15	0	53	1	8	1	41	0	57
21	2	14	0	53	1	9	1	36	0	N 5
26	2	13	0	53	1	9	1	29	0	N 24

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♃ Orient.	♂ Occid.	♀ Orient.	☿ Orient.	The Planets mutuall Aspects.
1 Phil. Jac. 2		△ 13	△ 11		□ 22		
3 4 ☾ Cantate	△ 3					□ 18	☾☊ Bq ♄♀
5 Gothard. 6 Jo. ant. P.	20□55		□ 0	△ 2	✶ 18	✶ 17	☾ Apog. △ ♄ ♃ ☉
7 8 Stanisl.	✶ 14	☍ 14	✶ 14	□ 18			
9 Hiob 10							
11 ☾ Vocavit 12		△ 8	☌ 10	✶ 6	☌ 3	☌ 6	SS☉♀ △♄☿1
13 Servatius 14	13☌ 49	□ 15					S ☉♂. ✶♂♀1 Q♄♂
15 Ascen. D. 16		✶ 15	✶ 18	☌ 20	✶ 22		
17 18 ☾ Exaudi	✶ 2		□ 22		□ 5	✶ 7	☾☊ Fd♄☿
19 Sara 20 Bernh.	9□21	☌ 21		✶ 5	△ 13	□ 18	☾ Perig.
21 22	△ 16		△ 2	□ 12		△ 6	
23 Desider. 24				△ 19			△♄♀4. SS♂☿
25 ☾ Pentecost 26 Edward		✶ 6	☍ 13		☍ 7	Occid.	☌ ☉☿ 19
27 28 Wilhel.	12☍ 36	□ 12				☍ 14	□☉♄10□♄☿1 ✶♃♀4
29 30 Wigam.		△ 22	△ 7	☍ 16	△ 1		SS♃☿ 4 SS♀☿
31 Patron.							

The Diurnall Motion of the Planets.

Daies	☉ ♊ D	′	☾ ♒ D	′	Lati. ☾ N A D	′	♄ ♏ D	′	♃ ♉ D	′	♂ ♋ D	′	♀ ♉ D	′	☿ ♊ D	′	☊ ♑ D	′
1 ☉	21	1	11	52	2	6	16	48	22	14	15	18	21	59	27	5	19	42
2	21	58	23	44	3	2	16	50	22	27	15	57	23	11	29	12	19	39
3	22	55	5♓	31	3	51	16	53	22	40	16	34	28	24	1♋	19	19	36
4	23	52	17	20	4	30	16	56	22	53	17	13	29	36	3	25	19	33
5	24	49	29	18	4	57	16	59	23	6	17	52	0♊	49	5	31	19	30
6	25	46	11♈	30	5	11	17	2	23	19	18	31	2	2	7	35	19	27
7	26	43	23	56	5	13	17	5	23	32	19	9	3	15	9	37	19	23
8 ☉	27	40	6♉	48	4D	59	17	7	23	45	19	47	4	28	11	37	11	20
9	28	38	20	2	4	28	17	10	23	58	20	25	5	40	23	35	19	17
10	29	35	3♊	42	3	41	17	13	24	11	21	3	6	53	15	30	19	14
11	0♋	32	17	44	2	40	17	16	14	24	21	41	8	6	17	23	19	11
12	1	29	2♋	4	1	32	17	19	24	37	22	20	9	19	19	14	19	8
13	2	26	16	40	0 ☽	9	17	23	24	49	22	58	10	31	21	3	19	4
14	3	23	1♌	21	1	12	17	26	25	2	23	36	11	44	22	48	19	1
15 ☉	4	20	16	5	2	29	17	30	25	14	24	14	12	57	24	28	18	58
16	5	17	0♍	38	3	41	17	34	25	26	24	52	14	10	26	7	18	55
17	6	14	15	4	4	26	17	38	25	39	15	30	15	22	27	44	18	52
18	7	11	29	12	5	0	17	42	25	51	26	9	16	35	29	19	18	49
19	8	8	13♎	10	5	16	17	46	26	3	26	46	17	48	0♌	51	18	45
20	9	5	26	47	5D	14	17	50	26	15	27	25	19	1	9	22	18	42
21	10	2	10♏	11	4	55	17	54	26	27	28	3	20	14	3	50	18	39
22 ☉	10	59	23	21	4	20	17	58	26	40	28	41	21	27	5	16	18	36
23	11	56	6♐	20	3	52	18	3	26	52	29	19	22	40	6	40	18	33
24	12	54	19	5	2	35	18	7	27	4	29	57	23	53	8	2	18	30
25	13	51	1♑	38	1	31	18	11	27	16	0♌	35	25	6	9	22	18	26
26	14	48	13	59	0N	23	18	16	27	28	1	14	26	19	10	49	18	23
27	15	45	26	11	0	44	18	21	27	39	1	42	27	33	11	53	18	20
28	16	42	8♒	12	1	49	18	36	27	51	2	30	28	46	13	4	18	17
29 ☉	17	39	20	6	2	48	18	31	28	2	3	8	29	59	14	13	18	14
30	18	36	1♓	58	3	42	18	36	28	14	3	46	1♋	12	15	18	18	11

Beaufoy Esq. married

The Latitude of the Planets.

Daies	N	A	S	D	N	A	S	D	S	A
1	2	12	0	53	1	9	1	19	1	29
6	2	11	0	53	1	9	1	9	1	51
11	2	10	0	53	1	10	0	57	2 D	2
16	2	10	0	53	1	10	0	43	1	41
21	2	9	0	53	1	10	0	31	1	7
26	2	8	0	53	1	10	0	21	0	25

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♃ Orient.	♂ Occid.	♀ Orient.	☿ Occid.	The Planets mutuall Aspects.
1 ☾ Trinity	△ 21		□ 21				
2 Marel.					□ 8	△ 14	☾ Apog.
3 Erasmus		☍ 23					✱♄♂ 13 Td♄☿
4	14□40		✱ 11	△ 0			♌♄☿
5 Boniface					✱ 3	□ 15	
6				□ 14			
7	✱ 6						
8 ☾ 1 p. Tri.		△ 19				✱ 10	
9			☌ 7	✱ 1			
10 Onufri		□ 23			☌ 6		✱♄☿ 22
11 Barnab.	32☌58						
12							
13		✱ 1	✱ 13	☌ 10		☌ 8	☾☋
14 Valerius					✱ 18		☌♂☿ 19
15 ☾ 2 p. Tri.			□ 15				✱♃☿ 13 ☾ Per.
16	✱ 8						♌☉♄
17 Volchm.		☌ 4	△ 18	✱ 18	□ 0		✱♃♂ 8
18	13□41					✱ 0	□♄♀ 23
19 Gervasius					△ 9		
20				□ 1		□ 11	
21	△ 0	✱ 14					
22 ☾ 3 p. Trin.			☍ 6	△ 10			
23		□ 22				△ 3	
24 Joh Bapt.					☍ 10		♌♃☿
25							
26	1☍44	△ 8					☾☊
27 7 Dorm.			△ 3	☍ 12			
28 Leo						☍ 10	
29 ☾ 4. p. Tri.			□ 10		△ 22		☾ Apog.
30							✱☉♄ ☌

The Diurnall Motion of the Planets.

Daies.	☉ ♋		☾ ♓		Lati. ☾ N A		♄ ♍		♃ ♉		♂ ♌		♀ ♋		☿ ♌		☊ ♑	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	19	33	13	45	4	23	18	41	28	25	4	25	2	25	16	21	18	7
2	20	30	25	36	4	53	18	46	28	36	5	3	3	38	17	22	18	4
3	21	27	7♈	33	5D	12	18	51	28	47	5	41	4	51	18	21	18	1
4	22	25	19	44	5	16	18	56	28	58	6	19	6	4	19	16	17	58
5	23	22	2♉	17	5	8	19	1	29	9	6	57	7	17	20	8	17	55
6 ☉	24	19	14	59	4	43	19	6	29	20	7	35	8	30	20	57	17	52
7	25	16	28	13	4	3	19	11	29	31	8	13	9	44	21	42	17	48
8	26	13	11♊	47	3	3	19	16	29	41	8	51	10	57	22	23	17	45
9	27	11	25	49	2	1	19	22	29	51	9	29	12	11	23	1	17	41
10	28	8	10♋	15	0	44	19	28	0♊	2	10	7	13	24	23	34	17	39
11	29	5	25	4	0S	37	19	33	0	12	10	45	14	38	24	7	17	36
12	0♌	2	10♌	5	1	56	19	38	0	22	11	23	15	51	24	34	17	32
13 ☉	1	0	25	9	3	10	19	44	0	32	12	1	17	5	24	53	17	29
14	1	57	10♍	7	4	9	19	50	0	42	12	39	18	18	25	7	17	26
15	2	54	24	52	4	51	19	56	0	52	13	17	19	32	25	15	17	23
16	3	51	9♎	19	9	12	20	2	1	1	13	55	20	45	25	19	17	20
17	4	49	23	24	5 D	15	20	8	1	11	14	33	21	59	25	20	17	17
18	5	46	7♏	3	5	0	20	14	1	20	15	11	23	12	25 R	17	17	13
19	6	43	20	22	4	28	20	20	1	30	15	49	24	26	25	11	17	10
20 ☉	7	41	3♐	20	3	43	20	26	1	39	16	27	25	40	24	58	17	7
21	8	38	16	2	2	48	20	32	1	48	17	6	26	54	24	39	17	4
22	9	36	28	31	1	47	20	38	1	57	17	45	28	7	24	12	17	1
23	10	33	10♑	45	0	42	20	44	2	6	18	23	29	21	23	41	16	58
24	11	31	22	54	0N	25	20	50	2	15	19	1	0♌	35	23	5	16	54
25	12	28	4♒	53	1	30	20	56	2	23	16	39	1	49	22	26	16	51
26	13	25	16	48	2	31	21	3	2	32	20	17	3	3	21	41	16	48
27 ☉	14	23	28	40	3	24	21	10	2	41	20	55	4	17	21	0	16	45
28	15	21	10♓	31	4	9	21	17	2	49	21	32	5	31	20	11	16	42
29	16	18	22	24	4	42	21	23	2	58	22	10	6	45	19	20	16	39
30	17	16	4♈	19	5	3	21	3	3	6	22	48	7	59	18	27	16	35
31	18	13	16	23	5D	12	21	30	3	14	23	26	9	13	17	36	16	32

The Latitude of the Planets.

Daies	N	A	S	D	N	A	S	D	S	A
1	2	8	0	53	1	10	0	9	0	28
6	2	7	0	53	1	10	0 N	3	1	28
11	2	6	0	54	1	10	0	15	2	32
16	2	6	0	54	1 D	10	0	27	3	36
21	2	5	0	54	1	10	0	38	4	26
26	2	4	0	54	1	9	0	48	5	0

Old-Style	The Lunar Aspects. ☉	♄ Occid.	♃ Orient.	♂ Occid.	♀ Orient.	☿ Occid.	The Planets mutuall Aspects.
1	△ 13	☍ 10					
2 Visit. Mary			✱ 6	△ 20	□ 18		☿ Elong. max.
3						△ 23	SS ♄ ☿
4 Ulricus	5 □ 34						Q ♄ ☿. SS ♂ ♀
5				□ 9	✱ 9		
6 ☾ 5 p. Trin.	✱ 19	△ 8				□ 12	
7			☌ 2	✱ 18			
8 Chilian		□ 13				✱ 19	
9 Cyrill.							
10 7 Fratr.		✱ 15			☌ 5		☾ ☋.
11 Pius	6 ☌ 52		✱ 8				Ecl ☉ in mari del
12				☌ 2		☌ 23	Zur. ✱ ☉ ♃ 10
13 ☾ 6 p. Tri.			□ 8				Q ♃ ♂. ☾ Per.
14		☌ 16			✱ 14		
15 Divis. Apo.	✱ 14		△ 10				✱ ♄ ♀ 9
16				✱ 8	□ 21		
17 Alexius	21 □ 34					✱ 4	
18 Rosina				□ 15			
19		✱ 19	☍ 20		△ 8	□ 8	SS ♀ ☿
20 ☾ 7. p. Tri.	△ 9						
21		□ 12		△ 2		△ 16	
22 Mar. Mag.							
23 Apollin.		△ 20					☾ ☊
24 Christin.			△ 19		☍ 17		
25 James Ap.	16 ☍ 35						✱ ♃ ♀ 13
26				☍ 8		☍ 9	SS ♄ ☿
27 ☾ 8 p. Tri.			□ 8				☌ ♂ ☿ 1. Q ☉ ♃ (
28		☍ 22					(SS ♄ ♂ Apog.
29 Beatrix			✱ 21				
30 Abdon					△ 8	Orient.	☌ ☉ ☿ 16
31 German	△ 4			△ 14		△	

The Diurnall Motion of the Planets.

Daies.	☉	☽	Lat. ☽ N	Lat. ☽ D	♄	♃	♂	♀	☿	☊
	♌	♈			♍	♎	♑	♌	♌	♈
	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	19 11	28 36	5 7		21 44	3 22	24 5	10 27	16 47	16 29
2	20 9	11 ♉ 0	4 47		21 50	3 30	24 43	11 41	16 1	16 26
3 ☉	21 5	23 43	4 6		21 57	3 37	25 21	12 55	15 19	1 23
4	22 4	6 ♊ 48	3 19		22 4	3 45	25 59	14 9	14 39	16 20
5	23 2	20 14	2 24		22 11	3 51	26 37	15 13	14 2	16 16
6	23 59	4 ♋ 10	1 14		22 18	3 58	27 15	16 37	13 31	16 12
7	24 57	18 28	0 ☽ 3		22 25	4 5	27 53	17 51	13 5	16 9
8	25 55	3 ♌ 8	1 28		22 31	4 12	28 31	19 5	12 44	16 6
9	26 53	18 22	2 38		22 38	4 18	29 9	20 20	12 29	16 3
10 ☉	27 51	3 ♍ 37	3 42		22 45	4 25	29 47	21 34	12 20	16 0
11	28 48	18 50	4 31		22 52	4 31	0 ♎ 25	22 48	12 D 23	15 56
12	29 46	3 ♎ 51	4 59		22 59	4 27	1 3	24 3	12 38	15 53
13	0 ♎ 44	18 33	5 7		23 6	4 43	1 41	25 17	13 5	15 50
14	1 42	2 ♏ 51	4 D 56		23 14	4 49	2 19	26 31	13 47	15 47
15	2 40	16 40	4 34		23 21	4 55	2 58	27 46	14 34	15 44
16	3 38	0 ♐ 0	3 45		23 28	5 0	3 36	26 0	19 27	15 41
17 ☉	4 36	12 58	2 53		23 35	5 6	4 15	0 ♎ 14	16 25	15 38
18	5 34	25 33	1 44		23 42	5 11	4 53	1 29	17 28	15 34
19	6 32	7 ♑ 51	0 50		23 49	5 16	5 31	2 43	18 37	15 31
20	7 30	19 55	0 N 14		23 56	5 21	6 9	3 58	19 52	15 28
21	8 28	1 ♒ 50	1 18		24 3	5 25	6 48	5 12	21 13	15 24
22	9 26	13 45	2 27		24 11	5 30	7 26	6 26	22 38	15 22
23	10 25	25 35	3 11		24 18	5 34	8 5	7 41	24 8	15 18
24 ☉	11 23	1 ♓ 26	3 56		24 25	5 38	8 44	8 55	25 43	15 15
25	12 21	19 21	4 30		24 22	5 42	9 22	10 10	27 20	15 12
26	13 20	1 ♈ 19	4 52		24 40	5 46	10 0	11 25	28 59	15 9
27	14 18	13 23	5 3		24 48	5 49	10 38	13 13	0 ♎ 40	15 6
28	15 16	25 36	5 D 0		24 55	5 52	11 16	13 54	2 23	15 3
29	16 15	7 ♉ 54	4 42		25 3	5 55	11 54	15 8	4 10	15 0
30	17 13	20 23	4 11		25 10	5 58	12 32	16 23	6 10	14 56
31 ☉	18 12	3 ♊ 7	3 28		25 17	6 1	13 11	17 73	8 5	14 53

The Latitude of the Planets.

Daies	☽ N	☽ A	☿ S	☿ D	♀ N	♀ D	♂ N	♂ A	♃ S	♃ D
1	2 4	0 55	1 8	1 0	4 24					
6	2 4	0 55	1 8	1 8	3 20					
11	2 3	0 55	1 7	1 14	1 50					
16	2 3	0 56	1 6	1 19	0 N 23					
21	2 3	0 56	1 6	1 D 25	0 45					
26	2 3	0 57	1 5	1 31	1 25					

Old-Style	The Lunar Aspects. ☉	♄ Occid.	♃ Orient.	♂ Occid.	♀ Orient.	☿ Orient.	The *Planets* mutuall Aspects.
1 Vinc. Pet.							
2	18 □ 40	△ 21			□ 10	□ 8	♀ ♃ ☿
3 ☾ 9 p. Trin.			☌ 18	□ 3			
4 Aristarch					✶ 14	✶ 13	♋♋ ☉ ♄
5 Oswald	✶ 5	□ 3		✶ 12			♀ ♃ ♀
6 Sixtus							
7		✶ 6					☾ ♃.
8			✶ 1			☌ 15	
9							
10 ☾ 8 p. Tri	14 ☌ 19		□ 1	☌ 17	☌ 3		☾ Perig
11							♋♋ ♄ ♀
12 Clara		☌ 6	△ 1			✶ 14	
13 Hippolit.	✶ 22			✶ 23	✶ 19		
14 Eusebius						□ 20	
15 Assum. M.		✶ 12		□ 22	□ 21		☌ ☉ ☌ 22
16	7 □ 16		☍ 9	Orient.			☿ Elong. max.
17 ☾ 11 p. Tri.		□ 20				△ 7	□ ☉ ♃ 14 ♀ ♃ ♀
18 H. Iena	△ 21			△ 19	△ 13		□ ♃ ☌ 13
19 Sebaldus							☾ ☊
20		△ 8					
21			△ 9				□ ♃ ☿ 5
22						☍ 20	
23			□ 20				☌ ☌ ☿ 16 ♋♋ ♄ ☿
24 ☾ 12 p. Tri.	8 ☌ 39			☍ 2	☍ 3		☾ Apog.
25 Ludov.		☍ 10					
26			✶ 8				
27 Gebhar.							
28 Augustus						△ 15	
29 Decol. Jo.	△ 17			△ 8	△ 15		□ ♃ ☿ 22
30		△ 9					
31 ☾ 13 p. Tri.			☌ 5	□ 19		□ 11	

The Diurnall Motion of the Planets.

Daies	☉	☾	Lati. ☾	♄	♅	♂	♀	☿	♃
	♍	♊	N.	♍	♓	♍	♍	♍	♈
	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	19 ♎ 10	16 5	2 33	25 25	6 4	3 49	18 52	9 53	14 50
2	20 9	29 27	1 28	25 32	6 7	14 28	20 ☉ 7	11 38	14 47
3	21 7	13♋ 9	0 S 16	25 39	6 9	15 6	21 21	13 27	14 44
4	22 6	27 18	0 58	25 47	6 11	15 45	22 36	15 21	14 41
5	23 5	11♌ 33	2 12	25 54	6 13	16 23	23 51	17 18	14 37
6	24 3	26 46	3 18	26 1	6 15	17 2	25 6	19 16	14 34
7 ☉	25 2	11♍ 15	4 11	26 9	6 16	17 40	26 20	21 20	14 31
8	26 1	27 6	4 45	26 16	6 18	18 19	27 34	23 21	14 28
9	27 0	12♎ 12	4 59	26 24	6 19	18 57	28 49	25 15	14 25
10	27 ♌ 58	27 3	4D 54	26 31	6 19	19 36	0♎ 4	27 5	14 22
11	28 57	11♏ 19	4 28	26 38	6 20	20 15	1 18	28 51	14 18
12	29 56	25 28	3 47	26 46	6 20	20 53	2 33	0♎ 36	14 15
13	0♎ 55	8♐ 53	2 56	26 54	6 21	21 32	3 48	2 22	14 13
14 ☉	1 54	21 55	1 56	27 1	6R 21	22 10	5 3	4 8	14 9
15	2 53	4♑ 30	0 51	27 8	6 21	22 49	6 17	5 52	14 6
16	3 52	16 45	0N 11	27 16	6 20	23 28	7 32	7 39	14 3
17	4 51	28 45	1 14	27 23	6 20	24 6	8 47	9 24	13 59
18	5 51	10♒ 42	2 13	27 31	6 19	24 45	10 1	11 9	13 56
19	6 50	22 27	3 5	27 39	6 18	25 24	11 16	12 52	13 53
20	7 49	4♓ 19	3 50	27 46	6 17	26 3	12 31	14 33	13 50
21 ☉	8 48	16 20	4 23	27 53	6 16	26 42	13 46	16 13	13 47
22	9 47	28 7	4 48	28 1	6 15	27 20	15 1	17 51	13 44
23	10 46	10♈ 15	4 58	28 8	6 13	27 59	16 16	19 21	13 40
24	11 46	22 30	4D 55	28 15	6 11	28 38	17 31	21 7	13 37
25	12 45	4♉ 53	4 38	28 22	6 9	29 16	18 46	22 47	13 34
26	13 44	17 28	4 7	28 30	6 6	29 51	20 1	24 21	13 31
27	14 44	0♊ 7	3 24	28 37	6 4	0♎ 34	21 16	25 57	13 28
28 ☉	15 43	13 3	2 31	28 44	6 1	1 53	22 30	27 34	13 25
29	16 42	26 10	1 28	28 52	5 58	1 52	23 45	29 9	13 21
30	17 42	9♋ 28	0 19	29 9	5 54	2 31	25 0	0♏ 42	13 18

The Latitude of the Planets.

Date	☿ N	☿ A	♀ S	♀ D	♂ N	♂ D	♃ N	♃ D	♄ N	♄ A
	D	D	D	D	D	D	D	D	D	D
1	2	3	0	57	1	3	1	29	1	46
6	2	4	0	58	1	2	1	23	1 ☽	39
11	2	4	0	58	1	1	1	18	1	25
16	2	4	0	59	1	0	1	14	0	54
21	2	5	0	59	0	59	1	8	0	23
26	2	5	0	59	0	58	1	1	0 S	10

Old-Style.	The Lunar Aſpects. ☉	♄ Occid	♅ Orient.	♂ Orient	♀ Orient.	☿ Orient.	The *Planets* mutuall Aſpects.
1 Ægidius 2 Veronica		□ 17			□ 5 Occid.		♂ ☉ ♀ 3
3 4 Thedoſ.	✶ 15	✶ 21	✶ 14	✶ 3	✶ 15	✶ 0	☾ ♍ ♂ ♂ ☿ 9
5 6			□ 15				☌ ♅ ♀ ♂ ♄ ♀ 20 ☾ per.
7 ● 14 p. Tri. 8 Nat Mar.	22 ♂ 10	♂ 22 Orient.	△ 14	♂ 9	♂ 1	♂ 17	♂ ☉ ♄ 7. ☌ ♅ ☿
9 Gorgon 10							♂ ♄ ☿ 16
11 12	✶ 9	✶ 2	☍ 19	✶ 16	✶ 14	Occid. ✶ 10	♂ ☉ ☿ 3
13 14 ● 15 p. Tri.	20 □ 40	□ 10		□ 0			(△ ♅ ☿ 1. ☾ ☊
15 Nicomed. 16 Euphe.		△ 21		△ 14	□ 4	□ 3	♂ ☿ ☿ 18 △ ♅ ☿ 1
17 Lampert. 18	△ 12		△ 15		△ 3	△ 1	☌ ♅ ♂ △ ☉ ♅ 11
19 20			□ 4				☾ Apog.
21 ● 16 p. Tri. 22 Maurit.		☍ 0	✶ 16	☍ 22			
23 Eſdra 24	☍ 1 6				☍ 13	☍ 21	♂ ♄ ♂ 7
25 26 Cyprian		△ 20					
27 28 ● 17 p. Tri.	△ 5		☌ 11	△ 1	△ 19		SS ♄ ☿
29 Michael. 30 Hieron.	15 □ 43	□ 5		□ 13		△ 6	Bq ♅ ☿ ☾ ♍

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lati. ☾ S	Lati. ☾ A	♄	♃	♂	♀	☿	☊
	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	18 42	23 3	0 52	29 6	5 51	3 10	26 15	2 14	13 15	
2	19 42	6♎59	2 2	29 13	5 47	3 49	27 30	3 53	13 12	
3	20 41	21 14	3 6	29 20	5 43	4 28	28 45	5 17	13 9	
4	21 41	5♏50	4 0	29 28	5 40	5 7	0♏ 0	6 48	13 5	
5 ☉	22 41	20 39	4 37	29 35	5 36	5 46	1 15	8 18	13 2	
6	23 41	5♐34	4 57	29 42	5 32	6 25	2 30	9 47	12 59	
7	24 40	20 29	4D 56	29 49	5 28	7 4	3 45	11 16	12 56	
8	25 40	5♑10	4 35	29 56	5 23	7 43	4 59	12 45	12 53	
9	26 40	19 27	3 57	0♐ 3	5 19	8 22	6 14	14 13	12 49	
10	27 40	3♒36	3 6	0 9	5 14	9 1	7 29	15 40	12 46	
11	28 40	17 7	2 5	0 16	5 9	9 40	8 44	17 6	12 43	
12 ☉	29 40	0♓11	1 0	0 23	5 4	10 19	9 59	18 31	12 40	
13	0♏40	12 44	0N 7	0 30	4 59	10 59	11 14	19 56	12 37	
14	1 40	25 8	1 12	0 37	4 53	11 38	12 29	21 20	12 34	
15	2 40	7♓11	2 12	0 43	4 47	12 17	13 44	22 43	12 30	
16	3 40	19 2	3 5	0 50	4 41	12 56	14 59	24 5	12 27	
17	4 40	0♈50	3 51	0 57	4 35	13 35	16 14	25 26	12 24	
18	5 40	12 38	4 21	1 3	4 29	14 15	17 30	26 46	12 21	
19 ☉	6 41	24 33	4 49	1 10	4 22	14 54	18 45	28 4	12 18	
20	7 41	5♉33	5 1	1 16	4 17	15 33	20 0	29 22	12 15	
21	8 41	18 49	5 D 0	1 23	4 10	16 12	21 15	0♐38	12 11	
22	9 41	1♊16	4 43	1 29	4 2	16 51	22 30	1 53	12 8	
23	10 42	13 56	4 13	1 35	3 55	17 31	23 45	3 6	12 5	
24	11 42	26 50	3 29	1 42	3 48	18 10	25 0	4 17	12 2	
25	12 42	9♋53	2 35	1 48	3 42	18 49	26 15	5 26	11 59	
26 ☉	13 43	23 9	1 30	1 55	3 35	19 29	27 30	6 33	11 56	
27	14 43	6♌19	0 S 24	2 0	3 27	20	28 45	7 38	11 52	
28	15 44	19 58	0 51	2 6	3 20	20 48	0♐ 1	8 40	11 49	
29	16 44	3♍41	2 2	2 12	3 12	21 28	1 16	9 38	11 46	
30	17 45	17 36	3 6	2 18	3 5	22 7	2 31	10 33	11 43	
31	18 45	1♎37	4 0	2 24	2 58	22 47	3 46	11 25	11 40	

The Latitude of the Planets.

Daies	N	A	S	D	N	D	N	D	S	A
1	2	5	0	59	0	58	0	51	0	44
6	2	6	1	[illegible]	0	57	0	41	1	17
11	2	6	1	0	0	55	0	31	1	47
16	2	7	1	0	0	53	0	20	2	12
21	2	7	1	0	0	51	0	8	2	31
26	2	8	0	59	0	49	0	S 4	2	D 47

Old-Style.	The Lunar Aſpects. ☉	♄ Orient	♃ Orient.	♂ Orient.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aſpects.
1 Remigius		✶ 11	✶ 22	✶ 18	□ 6	□ 18	☌ ☍ ☿
2 Leodeg.	✶ 23						(Vc ♃ ♀
3					✶ 13		☌ ♃♀. ☌ ♄♀(
4			□ 0			✶ 2	△ ♃♂ 18 (per.
5 ● 18 p. Tri.		♂ 14					
6 Fides			△ 0	♂ 1			
7	7♂ 21				♂ 23		
8						♂ 14	Vc ♃ ♀
9 Dionyſ.		✶ 18					
10 Gedeon			☍ 3	✶ 10			
11							☌ ☉ ♃
12 ● 19 p. Tri.	✶ 23	□ 0		□ 20	✶ 20		☌ ☉ ♄ ☌ ☌ ♂ ♀ (
13						✶ 16	((☊
14 Calixtus	14 □ 23	△ 11	△ 14				
15 Hedwig.				△ 10	□ 14		
16 Gallus						□ 11	
17	△ 7		□ 7				
18 Lucas					△ 11		☾ Apog.
19 ● 20 p. Tri.		☍ 13	✶ 19			△ 5	
20				☍ 19			
21 Ursula							✶ ♃ ☿ 16
22 Cordula	17 ☍ 20						
23 Severin.					☍ 22		☍ ♄ ☿ 15
24		△ 9	☍ 13			☍ 15	
25				△ 17			
26 ● 21 p. Tri.		✶ 16					
27	△ 16						☊ ☋
28 ✡ in Jud.			✶ 23	□ 2	△ 19		☽ in max. Evag.
29						△ 11	✶ ♄ ♀ 19
30	0 □ 16			✶ 8			☍ ♃ ♀ 10
31 Wolfg.			□ 2		□ 4	□ 17	☾ Perig.

The Diurnall Motion of the Planets.

Daies.	☉ ♏ D	′	☾ ♍ D	′	Lati. ☾ S A D	′	♄ ♎ D	′	♃ ♊ D	′	♂ ♎ D	′	♀ ♐ D	′	☿ ♐ D	′	☊ ♑ D	′
1	19	46	15	53	4	39	2	30	2	52	23	27	5	1	12	12	11	37
2 ☉	20	47	0♎	17	5	1	2	36	2	43	24	6	6	17	12	51	11	34
3	21	48	14	47	5 D	5	2	42	2	34	24	46	7	32	13	23	11	30
4	22	48	29	15	4	50	2	48	2	27	25	25	8	47	13	48	11	27
5	23	49	13♏	37	4	14	2	53	2	19	26	5	10	2	14	5	11	24
6	24	50	27	44	3	25	2	58	2	10	26	44	11	18	14	15	11	21
7	25	50	11♐	33	2	25	3	4	2	2	27	24	12	33	14	20	11	17
8	26	51	25	1	1	16	3	9	1	54	28	4	13	48	14 R	1	11	14
9 ☉	27	52	8♑	3	0	8	3	15	1	46	28	43	15	3	13	32	11	11
10	28	53	20	44	1 N	0	3	20	1	38	29	23	16	18	12	56	11	8
11	29	54	3♒	4	2	5	3	25	1	29	0♏	3	17	33	12	12	11	5
12	0♐	55	15	11	3	2	3	30	1	20	0	42	18	48	11	20	11	1
13	1	56	27	2	3	50	3	35	1	12	1	22	20	3	10	24	10	58
14	2	56	8♓	54	4	26	3	40	1	4	2	2	21	18	9	26	10	55
15	3	57	20	45	4	54	3	45	0	56	2	41	22	33	8	24	10	52
16 ☉	4	58	2♈	32	5	9	3	50	0	48	3	21	23	49	7	19	10	49
17	5	59	14	38	5 D	0	3	55	0	40	4	1	25	4	6	11	10	46
18	7	0	26	55	4	57	4	0	0	32	4	41	26	19	5	3	10	42
19	8	1	9♉	30	4	29	4	4	0	24	5	21	27	34	3	57	10	39
20	9	2	22	23	3	47	4	9	0	17	6	1	28	49	2	52	10	36
21	10	3	5♊	32	2	53	4	13	0	8	6	41	0♑	4	1	48	10	33
22	11	5	18	58	1	48	4	18	0	1	7	21	1	19	0	45	10	30
23 ☉	12	6	2♋	36	0 S	35	4	22	29♉	53	8	1	2	34	29	53	10	27
24	13	7	16	26	0	40	4	26	29	45	8	41	3	50	29	13	10	23
25	14	8	0♌	24	1	55	4	30	29	37	9	21	5	5	28	45	10	20
26	15	9	14	28	3	3	4	34	29	30	10	1	6	20	28	29	10	17
27	16	10	28	40	4	0	4	38	29	22	10	41	7	35	28 D	24	10	14
28	17	11	12♍	44	4	42	4	42	29	15	11	21	8	50	28	27	10	11
29	18	13	26	53	5	7	4	46	29	7	12	1	10	5	28	41	10	8
30 ☉	19	14	10♎	56	5 D	15	4	50	29	0	12	41	11	20	29	3	10	4

The Latitude of the Planets.

Daies	N	A	S	D	N	D	S	A	S	D
1	2	10	0	59	0	47	0	19	2	32
6	2	11	0	59	0	45	0	31	1	5
11	2	12	0	58	0	43	0	44	0	40
16	2	13	0	57	0	41	0	57	0 N	51
21	2	14	0	56	0	39	1	6	2	7
26	2	15	0	55	0	36	1	14	2 D	42

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♃ Orient.	♂ Orient.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aspects.
1 All Saints 2 ☾ 22 p. Tri.	✱ 7	☌ 4	△ 4		✱ 12	✱ 8	△ ♄ ♃ 11
3 Theophil. 4				☌ 17			
5 6 Leonhard	18 ☌ 42	✱ 8	☍ 7				Bq ♃ ♂
7 Florent. 8		□ 15		✱ 6	☌ 1	☌ 4	(Q ♃ tere Q ♄ ♀ ☌ ♀ ☿ 2 ☿ stat in (
9 ☾ 23 p. Tri. 10	✱ 18		△ 20	□ 17			☾ ☊
11 Martinus 12		△ 1	Occid.		✱ 8	✱ 17	SS ☉ ♂
13 Eugenins 14 Frideri.	10 □ 51		□ 8	△ 9		□ 1	✱ ☉ ♄ 19 ☾ Ap.
15 16 ☾ 24. p. Tri.	△ 5	☍ 3	✱ 20		□ 4	△ 8	SS ♄ ♂
17 18 Gelasius				☍ 15	△ 22	Orient	☌ ☉ ☿ 2 ✱ ♄ ☿ 22 SS ♂ ☿
19 Elizabetha 20		△ 20	☌ 14			☍ 17	
21 Obl. Mar. 22	8 ☍ 43						Vc ♃ ♀
23 ☾ 25. p. Tri. 24		□ 3	✱ 22	□ 19	☍ 0	△ 21	☍ ♃ ☿. ☾ ☊ □ ♄ ♀ 12
25 Catharin. 26 Conrad.	△ 2	✱ 7		□ 16			Bq ♃ ♀
27 28	□ 8 8		□ 1	✱ 21	△ 17	□ 0	☾ Perig.
29 30 ☾ 1 Advent	✱ 5	☌ 14	△ 4		□ 1	✱ 3	☍ ♃ ☿ 21

The Diurnall Motion of the Planets.

Daies	☉ ♐ D	′	☾ ♎ D	′	Lati. ☾ S D D	′	♄ ♎ D	′	♃ ♊ D	′	♂ ♏ D	′	♀ ♑ D	′	☿ ♏ D	′	☊ ♑ D	′
1	20	15	24	56	5	4	4	54	28	53	13	20	12	35	29	34	10	1
2	21	16	8♏	55	4	34	4	57	28	46	14	1	13	50	0♐	14	9	58
3	22	17	22	46	3	47	5	0	28	39	14	41	15	5	0	59	9	55
4	23	19	6♐	26	2	52	5	3	28	33	15	21	16	20	1	50	9	52
5	24	20	19	55	1	43	5	6	28	26	16	2	17	35	2	44	9	48
6	25	21	3♑	6	0	33	5	8	28	20	16	42	18	50	3	43	9	45
7 ☉	26	22	16	1	0 N	39	5	11	28	13	17	22	20	5	4	47	9	42
8	27	24	28	38	1	47	5	14	28	7	18	3	21	20	5	54	9	39
9	28	25	10♒	55	2	48	5	17	28	0	18	43	22	35	7	4	9	36
10	29	26	23	2	3	41	5	20	27	54	19	23	23	50	8	16	9	33
11	0♑	28	4♓	57	4	24	5	23	27	48	20	4	25	5	9	31	9	29
12	1	29	16	47	4	54	5	25	27	43	20	44	26	20	10	48	9	26
13	2	30	28	37	5	12	5	28	27	38	21	25	27	35	12	5	9	23
14 ☉	3	32	10♈	31	5 D	17	5	30	27	33	22	5	28	50	13	23	9	20
15	4	33	22	33	5	9	5	32	27	28	22	45	0♒	5	14	42	9	17
16	5	34	4♉	48	4	45	5	34	27	23	23	26	1	20	16	2	9	14
17	6	35	17	32	4	8	5	36	27	18	24	6	2	35	17	23	9	10
18	7	37	0♊	21	3	18	5	38	27	13	24	47	3	50	18	46	9	7
19	8	38	13	39	2	8	5	39	27	9	25	27	5	4	20	11	9	4
20	9	39	27	21	1	5	5	41	27	4	26	8	6	19	21	39	9	1
21 ☉	10	40	11♋	25	0 S	11	5	42	27	0	26	48	7	33	23	9	8	58
22	11	42	25	36	1	30	5	44	26	55	27	29	8	47	24	41	8	55
23	12	43	10♌	30	2	43	5	45	26	51	28	10	10	1	26	11	8	51
24	13	44	24	37	3	47	5	46	26	48	28	50	11	15	27	41	8	48
25	14	45	9♍	8	4	34	5	47	26	45	29	31	12	30	29	10	8	45
26	15	47	23	32	5	5	5	48	26	43	0♐	11	13	44	0♑	38	8	42
27	16	48	7♎	51	5	17	5	49	26	40	0	52	14	58	2	5	8	39
28 ☉	17	50	21	51	5 D	10	5	50	26	37	1	32	16	12	3	35	8	36
29	18	51	5♏	41	4	44	5	51	26	35	2	13	17	27	5	6	8	32
30	19	52	19	18	4	2	5	51	26	33	2	53	18	41	6	37	8	29
31	20	53	2♐	34	1	9	5	52	26	31	3	34	19	55	8	9	8	26

The Latitude of the Planets.

Daies	N	A	S	D	N	D	S	A	N	D
1	2	16	0	54	0	34	1	22	2	37
6	2	17	0	53	0	31	1	29	2	3
11	2	19	0	52	0	29	1	35	1	24
16	2	20	0	51	0	26	1	39	1	0
21	2	22	0	50	0	23	1	41	0	4
26	2	23	0	48	0	20	1 D	14	0 S	32

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♃ Occid.	♂ Orient.	♀ Occid.	☿ Orient.	The *Planets* mutuall Aspects.
1 Longin.							
2 Candidus				♂ 9	✶ 9		✶♂♀7
3 Cathan		✶ 21	♌ 10			♂ 14	
4 Barbara							
5	8♂42						☾☊
6		□ 4					☿Digref.max.☾
7 ☾ 2 Advent			△ 23	✶ 3	♂ 8		✶♄☿ 9
8 Concept. Ma.		△ 13				✶ 16	Vc☉♃
9 Joachim				□ 17			Td♄♀
10	✶ 14		□ 10				
11 Damascus						□ 9	
12 Epimach			✶ 22	△ 8	✶ 20		☾ Apog.
13	8□36	♌ 14					△♃♀1
14 ☾ 3 Advent						△ 6	Bq☉♃
15					□ 16		
16	△ 2						□☉♄0
17 Lazarus			♂ 17	♌ 13			Q♄♀
18		△ 10			△ 7		
19						♌ 12	△♄♀12
20	22♌36	□ 14					Eclipsis☾.☊
21 ☾ Thō. Ap							♂♃♂6
22 Theod.		✶ 17	✶ 2	△ 3	♂ 23		Td♃♀
23							Q♂♀. Vc♃♀
24 Ada. Eva			□ 4	□ 7		△ 5	
25 Nat. D.	△ 10						SS♂♀☾Perig.
26 Stephen		♂ 21	△ 6	✶ 11		□ 23	
27 John Ebd.	16□34				△ 14		Bq♃♀
28 ☾ Innocent						✶ 23	
29					□ 23		□♄♀12
30 David	✶ 1		♌ 13				
31 Sylvest.		✶ 6		♂ 2			

The Radices of the middle motions of the Planets January 1, 1656. *at noone, in the Meridian of* London, *according to* HARMONICON CORLESTE.

	S	D	′	″
The progreſſion of the firſt ✳ of ♈ from the Vernall Equinox.	00	28	23	42
The meane Longitude of the ☉	9	20	38	2
The Aphelion of the ☉	3	6	39	58
The meane Longitude of the ☾	3	18	8	53
The Aphelion of the ☾	10	7	8	59
The Node aſcend. of ☾	9	27	46	9
The meane motion of ♄	5	11	20	20
The Aphelion of ♄	8	27	13	36
The Node aſcend. of ♄	3	21	5	39
The meane motion of ♃	1	0	42	31
The Aphelion of ♃	6	8	49	25
The Node aſcend. of ♃	3	5	37	55
The meane motion of ♂	1	4	47	51
The Aphelion of ♂	5	00	6	50
The Node aſcend. of ♂	1	17	23	28
The meane motion of ♀	4	16	54	56
The Aphelion of ♀	10	5	12	40
The Node aſcend. of ♀	2	13	32	24
The meane motion of ☿	6	14	46	57
The Aphelion of ☿	8	14	23	58
The Node aſcend. ☿	1	13	52	30

End of the Ephemeris *for the year of the Chriſtian Æra* 1656.

AN

EPHEMERIS

OF

The Cœleſtiall Motions: for the Yeare of the Chriſtian Æra, M DC LVII.

Whereto are numbred from

		YEARS
The	Creation of the World	5606
	Generall Deluge	3950
	Building of *London*	2763
	Death of *Alexander* the Great	1980
	Conſtitution of the *Julian* Year	1701
	Paſſion and death of Chriſt	1624
	Hegyra or flight of *Mahomet*	1066
	Correction of the Kalender by P. *Gregorie.*	75
	Biſſextile *or* Leap-year.	1

JULIAN.		GREGORIAN.
5	The Golden Number.	5
14	Cycle of the Sunne.	14
25	Epact.	15
D	Dominicall Letter.	C
10	Roman Indiction.	10
8	Number of Direction.	4
Janua. 25	Septuageſima.	28 *January*
Februa. 11	*Dies Cinerum.*	14 *Febr.*
March 29	Eaſter day.	1 *Aprill*
May 3	Rogation Sunday.	7 *May*
May 7	Aſcenſion day.	10 *May*
May 17	Whitſunday.	20 *May*
Novem. 29	Advent Sunday.	2 *Decemb.*

Authore VINCENTIO WING, *Philomathematico.*

LONDON,
Printed by ROBERT and WILLIAM LEYBOURN, for the Company of STATIONERS: 1652.

Of the Eclipses 1656.

THe two great Luminaries shall suffer four Eclipses this present year, twice the Sun and as often the Moon; whereof both these of the Moon will appear at *London*, but those of the Sun will not.

The first Eclipse is of the Sun upon the first day of *June* neer 10 of the clock at night, and therefore cannot be seen of us, because the Luminaries are under our Horizon, but it willbe conspicuous in some parts of *Mexicana* in *Agama* in the extremity of North-*America*, and in the Kindome of *Quivira*, &c. but as it is a very smal Eclipse, so wil it scarce be observable in any part of the habitable world.

The second Eclipse is of the Moon upon the 15 day of *June*, which will appear at *London*.

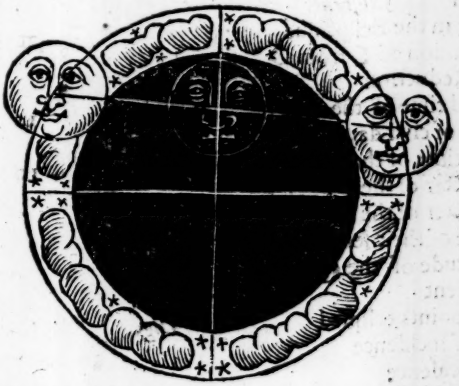
		D	H	′	″
The middle ☌ of the Luminaries,	*June*	15	18	6	36
Interval of the middle and true ☌.	*subst.*		9	36	56
Middle time of the true ☌	*June*	15	8	29	40
Coæquate anomalie of the ☉		11	27	42	46
Coæquate anomalie of the ☾		8	25	35	54
True place of ☉ from the earth		♋	4	26	35
True place of ☾ in her Orbite		♑	4	26	35
Argument of the ☾ latitude		0	4	48	43
Reduction	*substract*			1	10
Place of ☾ in the Ecliptique		♑	4	25	25
Hourly motion of ☾ from ☉				31	31
Time of Reduction	*adde*			2	13
Coæquate time of the true ☌	*June*	15	8	31	53
Æquation of time	*substr.*			1	42
Apparent time of the true ☌	*June*	15	8	30	11
Semidiameter of the ☾				16	16
Semidiameter of the shadow				44	25
Summe of the semidiameters				60	41
Latitude of the ☾		*N.*	*A.*	25	8
Part deficient				35	33
Digits eclipsed		*dig.*	13	6	45

The

	H	′	″
Minutes of the half duration		55	14
Minutes of half Tarrience		12	41
Time of Incidence and half tarrience together	1	45	9
Time of the half Tarrience		24	8
Totall duration	3	30	18
Interval of the true ☌ and greateſt obſcuration *ſubſt.*		4	11
Therefore			
The beginning of the Eclipſe	6	40	51
The beginning of totall darkneſſe	8	1	52
The middle or greateſt Obſcuration	8	26	0
The true Oppoſition	8	30	11
The end of totall darkneſſe	8	50	8
The end and full recovery of light	10	11	9

Latitude of the Moon at { Beginning 19′ 58″ } *North Aſcend.*
{ End 30 18 }

A Type of the Eclipſe.



The beginning of this Eclipſe cannot be ſeen at *London*, becauſe the Sun is above the Horizon, and the Moon under, notwithſtanding the middle and end wil there be conſpicuous. But the meridian of this Eclipſe is diſtant from *London* towards the

East, 3^h 24′ under the longitude 74^d 30′ where *Asia*, *Syria*, *Egypt*, *Arabia*, *Chaldea*, and the conterminate Regions are subjacent.

The third Eclipse is of the Earth (or Sun if you will so have it) upon the 25^d of *November* neer 7 *A.M.* but will be invisible at *London*, yet may those people (if there be any) in the remote southern parts of the Earth (unknown to us) behold it,

The fourth and last is of the Moon upon the 10^d of *December* which will be visible at *London*:

		D	H	′	″
The middle ☌ of the Luminaries,	*Decẽ.*	9	22	30	56
Interval of the middle and true ☌	*adde*		8	21	33
Middle time of the true ☌	*Decemb.*	10	6	52	29
Cœquate anomalie of the ☉	*Sig.*	5	22	55	8
Cœquate anomalie of the ☾	*Sig.*	2	5	29	5
True place of ☉ from the earth		♐	29	29	13
True place of ☾ in her Orbite		♊	29	29	13
Argument of the ☾ latitude		6	19	16	41
Reduction	*substract*			2	14
Place of ☾ in the Ecliptique		♊	29	26	59
Hourly motion of ☾ from ☉				29	21
Time of Reduction	*adde*			4	34
Corrected time of the true ☌	*Decemb.*	10	6	57	3
Æquation of civil days	*ad.*			0	39
Apparent time of the true ☌	*Decẽ.*	10	6	57	42
Semidiameter of the ☾				15	57
Semidiameter of the shadow				42	41
Aggregate of their semidiameters				58	38
True Latitude of the ☾	*South*			48	18
Part deficient				10	20
Digits or points eclipsed	*Dig.*		3	53	13
Scruples of Incidence				33	14
Time of Incidence			1	7	56
Totall duration			2	15	52
Interval of the true ☌ and greatest obscuration	*sub.*			8	35

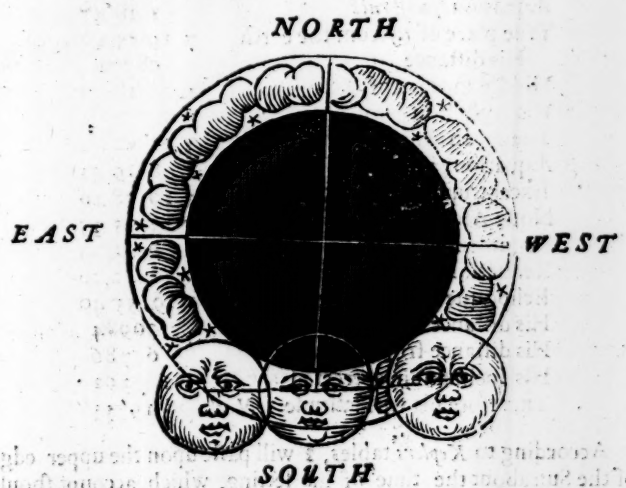
Hence

Hence

	H	′	″
The beginning of the Eclipſe at *London*	5	41	11
The greateſt Obſcuration	6	49	7
The true Oppoſition	6	57	42
The end	7	57	3

Latitude of the Moon at { Beginning 45′13″ } { *South Deſcend.*
{ End 51 23 }

A Type of the Eclipſe.



This Eclipſe (if the Ayr be cleer) may very well be ſeen at *London*, from beginning to the end, yet the meridian of it is removed towards the Eaſt 5^h 10′ 53″ under the Longitude 98^d 43′ 15″ towards *Eaſt-India*, &c.

This

This year will happen a Conjunction of the Sun and *Mercury* (neer Eclipticall) upon the first day of *November*.

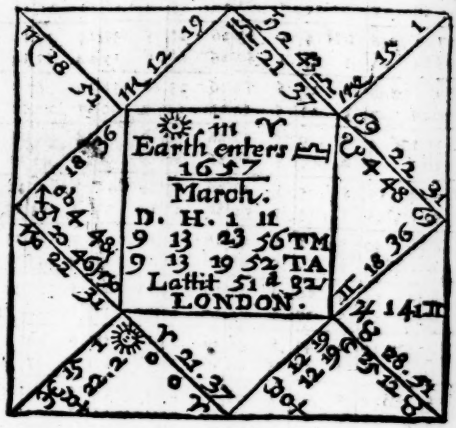
At $\begin{cases} 9^h\ 30'\ 15''\ T.M. \\ 9\ 43\ 2\ T.A. \end{cases}$ in $19^d\ 55'\ 40''$ m

The calculation of the said ☌ ☉ ☿.

	S	D	′	″
Middle motion of the Sun	7	21	24	27
His Aphelion	3	6	41	51
The mean anomalie	4	14	42	36
Æquation *subſtract*		1	28	47
True place of ☉ from the earth	7	19	55	40
His distance			98770	
Middle motion of ☿	1	28	18	7
His Aphelion	8	14	27	5
The mean Anomalie	5	13	50	58
Æquation *subſt.*		8	19	51
Excentrique place of ☿ from ☉	1	19	58	16
Node Aſcend. *subſtr.*	1	13	55	15
Argument of Latitude	0	6	3	1
Reduction *subſtract*			2	36
Ecliptique place of ☿ from ☉.	1	19	55	40
His distance from ☉			30984	
His distance from the earth			67786	
His Inclination corrected			392	
Therefore his true latitude *N.A.*			19′	55″

According to *Keplers* tables, ☿ will paſſe upon the upper edge of the Sun about the time of his ſetting, which account ſhould it hold true, it might be obſervable. But for the verity of this conjunction, I rather relie upon the former Calculation, which is deduced from *Harmonicon Cœleſte*, however let thoſe that pleaſe, ſee if they can poſſibly diſcover any ſuch appearance, for it may tend much to the further rectifying of *Mercuries* motion, or at leſtwiſe confirme the truth already eſtabliſhed.

The



The exact time of the Earths ingresse into the other three Cardinall Signes.

		H	′	″	
Earth ♈, ☉ ♎, *June* 10d	{	16	23	39	*TM*
	{	16	23	13	*TA.*
Earth ♎, ☉ ♑, *September* 12d	{	7	19	11	*TM*
	{	7	23	15	*TA*
Earth ♑, ☉ ♋, *December* 10d	{	18	55	32	*TM*
	{	18	55	58	*TA.*

The Diurnall Motion of the Planets.

Daies	☉		☾		Lat. ☾		♄		♃		♂		♀		☿		☊	
	♑		♐		S	D	♎		♈		♐		♒		♑		♑	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	21	55	15	56	2	6	5	52	26	30	4	15	21	12	9	41	8	23
2	22	56	28	57	0	57	5	52	26	29	4	56	22	26	11	7	8	20
3	23	57	11♑	46	0N	14	5	52	26	27	5	37	23	39	12	35	8	16
4 ☉	24	58	24	22	1	23	1	52	26	26	6	17	24	53	14	5	8	13
5	25	59	♒	48	2	27	5	52	26	25	6	58	26	6	5	37	8	10
6	27	0	19	2	3	23	5	52	26	24	7	40	27	20	17	19	8	7
7	28	2	1♓	4	4	9	5	52	26	24	8	2	28	34	18	45	8	4
8	29	3	13	2	4	43	5	52	26	24	9	2	29	48	20	23	8	0
9	0♒	4	24	55	5	5	5	51	26	23	9	42	1♓	1	22	3	7	57
10	1	5	6♈	45	5	14	5	50	26	23	10	23	2	15	23	45	7	54
11 ☉	2	6	18	40	5D	11	5	49	26	23	11	3	3	29	25	29	7	51
12	3	7	0♉	39	4	52	5	48	26	23	11	44	4	43	27	12	7	48
13	4	8	12	53	4	20	9	47	26	23	12	25	5	56	28	53	7	44
14	5	9	25	26	3	37	5	46	26	23	13	7	7	10	0♒	32	7	41
15	6	10	8♊	16	2	41	5	45	26	24	13	48	8	24	2	10	7	38
16	7	11	21	35	1	40	5	44	26	25	14	29	9	37	3	46	7	35
17	8	12	5♋	19	0	21	5	43	26	27	15	10	10	51	5	24	7	32
18 ☉	9	13	19	27	0S	56	5	41	26	29	15	51	12	4	7	4	7	29
19	10	14	3♌	58	2	12	5	40	26	31	16	32	13	18	8	47	7	25
20	11	15	18	46	3	20	5	38	26	33	17	13	14	31	10	32	7	22
21	12	16	3♍	47	4	11	5	36	26	36	17	54	15	44	12	18	7	19
22	13	17	18	45	4	51	5	34	26	39	18	35	16	57	14	5	7	16
23	14	18	3♎	45	5	8	5	32	26	42	19	17	18	10	15	53	7	13
24	15	19	18	14	5D	6	5	30	26	45	19	58	19	23	17	39	7	10
25 ☉	16	20	2♏	25	4	43	5	28	26	48	20	39	20	36	19	24	7	6
26	17	21	16	14	4	9	5	26	26	51	21	21	21	49	21	9	7	3
27	18	21	29	49	3	13	5	24	26	54	22	2	23	2	22	56	7	0
28	19	22	12	♐ 16	2	14	5	22	26	58	22	43	24	15	24	45	6	57
29	20	23	25	50	1	9	5	19	27	1	23	24	25	28	26	36	6	64
30	21	24	8♑	30	0	1	5	16	27	5	24	5	26	41	28	30	6	51
31	22	24	20	59	1N	6	5	13	27	9	24	46	27	53	0♓	25	6	47

The Latitude of the Planets.

Dates	N	A	S	D	N	D	S	D	S	A
1	2	25	0	47	0	18	1	40	1	8
6	2	26	0	45	0	13	1	35	1	32
11	2	28	0	44	0	9	1	29	1	52
16	2	29	0	43	0	5	1	21	2	2
21	2	31	0	41	0	2	1	11	2	9
26	2	32	0	40	0S	2	1	0	1D	54

Old-Style.	The Lunar Aſpects. ☉	♄ Orient	♅ Occid.	♂ Orient	♀ Occid.	☿ Occid.	The *Planets* mutuall Aſpects.
1					✶ 11		☾☊
2		□ 13					
3						♂ 2	♄ ſtat in Td ☉
4 ☽ Teleſpho	♂ 1 12	△ 22	△ 4				☋☉♀
5 Simeon				✶ 0			△☉♅ 10 □♅♀
6 Epiph.			□ 15		♂ 18		(6
7 Julianus				□ 15			
8						✶ 17	☾Apog. Bq♄♀
9	✶ 12	♂ 22	✶ 3				
10 Paul Er.				△ 7			Td ♄ ☿
11 ☽1 p. Epip.						□ 16	♅ ſtat in △☿ 13
12	□☽ 17				✶ 9		Vc ♄♀
13 Hilarius							
14 Felix	△ 21	△ 19	♂ 2			△ 11	△☉ ♄ 14
15				♂ 10	□ 0		
16 Marcel							(☾♉
17 Anton.		□ 1			△ 10		Td☉♅△♄☿4(
18 ☽2 p. Epip.			✶ 8				Td ♅ ☿
19	10♂55	✶ 3		△ 21		♂ 9	
20			□ 12				♌♅♀.♂☉☿23
21 Agneta					♂ 21	Occid.	
22			△ 13	□ 0			☾Perig.
23	△ 19	♂ 3				△ 23	
24 Timoth.				✶ 3			
25 ☽ Septuag.							□♂♀ 2
26	□☽ 8		♂ 18		△ 11	□ 10	✶♂☿ 4
27		✶ 10					☋☋♀ ☿
28	✶ 3			♂ 19			
29		□ 17			□ 0	✶ 1	□♅☿ 5. ☾☊
30 Adelg.							✶♅♀ 9. Bq♄☿
31			△ 11		✶ 15		

The Diurnall Motion of the Planets.

Daies	☉ ♒	☾ ♒	Lati. ☾ N	Lati. ☾ A	♄ ♑	♃ ♉	♂ ♐	♀ ♓	☿ ♓	☊ ♈
	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /
1 ☉	23 24	3 20	2 9	5 10	27 13	25 27	29 6	3 0	6 44	
2	24 25	15 29	3 6	5 7	27 18	26 9	0♈18	4 5	6 41	
3	25 26	27 35	3 51	5 4	27 23	26 50	1 31	6 7	6 38	
4	26 27	9♓37	4 28	5 1	27 28	27 32	2 43	7 58	6 35	
5	27 27	21 31	4 53	4 58	27 33	28 13	3 55	9 46	6 32	
6	28 28	3♈24	5 5	4 55	27 38	28 54	5 8	11 31	6 28	
7	29 28	15 16	5 4	4 52	27 43	29 35	6 20	13 16	6 25	
8 ☉	0♓28	27 9	4D 48	4 48	27 48	0♈17	7 32	14 58	6 22	
9	1 29	9♉15	4 20	4 44	27 54	0 58	8 44	16 38	6 19	
10	2 29	21 27	3 41	4 41	28 0	1 39	9 56	18 16	6 16	
11	3 30	3♊54	2 50	4 37	28 6	2 21	11 8	19 50	6 13	
12	4 30	16 42	1 50	4 34	28 13	3 3	12 19	21 20	6 9	
13	5 30	29 ♉0	0 42	4 30	28 19	3 44	13 30	22 44	6 6	
14	6 30	13♋26	0S30	4 26	28 25	4 26	14 41	24 4	6 3	
15 ☉	7 31	27 32	1 44	4 22	28 32	5 7	15 52	25 18	6 0	
16	8 31	12♌5	2 52	4 18	28 39	5 49	17 4	26 27	5 57	
17	9 31	27 2	3 51	4 14	28 46	6 30	18 16	27 31	5 53	
18	10 31	12♍12	4 34	4 10	28 53	7 12	19 28	28 30	5 50	
19	11 31	27 28	4 57	4 6	29 0	7 53	20 40	29 14	5 47	
20	12 31	12♎3	5D 0	4 2	29 8	8 35	21 51	0♈12	5 44	
21	13 31	27 31	4 41	3 58	29 16	9 16	23 2	0 52	5 41	
22 ☉	14 31	12♍1	4 6	3 53	29 23	9 58	24 13	1 22	5 38	
23	15 31	26 5	3 15	3 49	29 31	10 39	25 23	1 39	5 34	
24	16 31	9♐39	2 15	3 44	29 38	11 21	26 34	1 44	5 31	
25	17 31	22 48	1 11	3 40	29 47	12 3	27 44	1R 39	5 28	
26	18 31	5♑37	0 3	3 35	29 56	12 45	28 55	1 24	25	
27	19 31	18 1	1N 2	3 31	0♊4	13 26	0♉5	0 58	5 22	
28	20 32	0♒21	2 3	3 26	0 12	14 8	1 15	0 24	5 19	

The Latitude of the Planets.

Daies	N	A	S	D	S	A	S	D	S	D
1	2	33	0	29	0	8	0	43	1	22
6	2	34	0	38	0	13	0	28	0	N37
11	2	35	0	36	0	17	0	N 12	0	16
16	2	36	0	35	0	21	0	5	1	24
21	2	37	0	34	0	26	0	24	2	29
26	2	38	0	33	0	31	0	44	3	32

Old-Style.	The Lunar Aſpects. ☉	♄ Orient.	♅ Occid.	♂ Orient.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aſpects.
1 ☽ Sexages.		△ 4					
2 Purif. Mary	☌ 19 ☍ 21			✶ 22			♀ ☌ ♄ ☿
3 Blaſius			△ 0			☌ 1	(♀ ☌ ♅ ☌ ♂
4							20. ☽ ☌ ♂ ☿ ☾ Ap
5			✶ 12	□ 14			□ ☉ ♅ 2 ☌ ♄ ☿ (
6 Doroth.		☌ 3			☌ 4		Bq ☽ ♄
7							✶ ☉ ☌ 9
8 ☽ Eſto Mihi	✶ 8			△ 7			☽ ♅ ☿
9 Apollon.						✶ 16	
10 Scholaſt.	☽ 23 □ 45		☌ 13				
11		△ 1			✶ 15		
12						□ 9	♀ ☌ ☉ ♄
13	△ 11	□ 8		☌ 8			☾ ♈
14 Valentine					□ 2	△ 20	Bq ♅ ☌ ☐ ♄ ☌ ☉
15 ☽ Invoca		✶ 11	✶ 2				
16 tuliana					△ 8		
17	☌ 21 ♓		□ 3	△ 16			☿ Elong. max.
18 Concord.							✶ ♅ ☿ 15. ☾ per.
19		☌ 10	△ 3	□ 18		☌ 3	
20					☌ 16		
21				✶ 20			
22 ☽ Remin.	△ 5						
23		✶ 13	☌ 6			△ 9	
24 Matthias	♑ 13 □ 33						
25 Victor		□ 20			△ 10	□ 18	☽ ☉ ♅
26				✶ 14			☾ ♌
27 Leand.	✶ 11						☍ ♅ ☿
28 Roman.		△ 6	△ 0		□ 2	✶ 0	✶ ♅ ☿ 8. ☍ ☽ ☿

The Diurnall Motion of the Planets.

Daies.	☉ ♓ D	☾ ♒ D	Lati. ☾ N. A D	♄ ♎ D	♅ ♊ D	♂ ♍ D	♀ ♉ D	☿ ♓ D	☊ ♍ D
1	⊙ 21 30	12 30	2 58	3 22	0 21	14 49	2 25	29 40	5 15
2	22 30	24 28	3 45	3 18	0 30	15 31	3 35	28 50	5 12
3	23 30	6♓26	4 22	3 13	0 39	16 13	4 45	27 55	5 9
4	24 29	18 22	4 46	3 8	0 48	16 55	5 55	26 58	5 6
5	25 29	0♈15	4 D 57	3 3	0 57	17 37	7 4	26 1	5 3
6	26 28	12 8	4 57	2 59	1 6	18 18	8 14	25 6	4 59
7	27 28	24 9	4 43	2 54	1 16	19 0	9 23	24 12	4 56
8	⊙ 28 27	6♉12	4 16	2 50	1 25	19 41	10 32	23 20	4 53
9	29 27	18 20	3 38	2 45	1 35	20 23	11 41	22 29	4 50
10	0♈26	0♊37	2 49	2 40	1 45	21 5	12 50	21 39	4 47
11	1 25	13 5	1 52	2 36	1 54	21 47	13 58	20 51	4 43
12	2 25	25 42	0 48	2 31	2 4	22 28	15 6	20 7	4 40
13	3 24	8♋48	0 S 20	2 27	2 14	23 10	16 14	19 27	4 37
14	4 23	22 18	1 30	2 22	2 25	23 52	17 22	18 54	4 34
15	⊙ 5 22	6♌13	2 37	2 18	2 35	24 34	18 30	18 28	4 31
16	6 21	20 35	3 36	2 13	2 46	25 16	19 37	18 10	4 28
17	7 21	5♍21	4 22	2 8	2 56	25 57	20 44	17 57	4 24
18	8 20	20 28	4 50	2 4	3 6	26 39	21 51	17 49	4 21
19	9 19	5♎45	4 58	1 59	3 17	27 21	22 58	17 D 46	4 18
20	10 18	20 53	4 D 46	1 54	3 28	28 2	24 5	17 49	4 15
21	11 17	6♏2	4 12	1 50	3 39	28 44	25 11	17 57	4 12
22	⊙ 12 16	20 44	3 23	1 45	3 50	29 26	25 18	18 9	4 9
23	13 15	4♐57	2 23	1 21	4 1	0♒7	27 26	18 27	4 5
24	14 14	18 40	1 15	1 36	4 12	0 49	28 32	18 50	4 2
25	15 13	1♑57	0 N 7	1 31	4 23	1 31	29 37	19 18	3 59
26	16 12	14 48	1 0	1 26	4 34	2 16	0♓42	19 52	3 56
27	17 10	27 14	2 4	1 22	4 45	2 54	1 47	20 28	3 53
28	18 9	9♒3	3 0	1 17	4 57	3 36	2 52	21 9	3 50
29	⊙ 19 8	21 32	3 46	1 13	5 9	4 18	3 57	21 53	3 46
30	20 7	3♓16	4 23	1 9	5 21	5 0	5 1	22 40	3 43
31	21 5	15 18	4 47	1 4	5 32	5 41	6 5	23 30	3 40

The Latitude of the Planets.

Daies	☽ N	☽ A	☿ S	☿ D	♀ S	♀ A	♂ N	♂ A	♃ N	♃ D
1	1	38	0	32	0	35	0	55	3	33
6	1	39	0	31	0	41	1	15	3	8
11	1	39	0	30	0	46	1	35	2	9
16	1	39	0	29	0	51	1	54	0	S 51
21	1	39	0	28	0	59	2	13	0	19
26	1	39	0	28	1	5	2	30	1	21

Old-Style.	The Lunar Aſpects.						The *Planets* mutuall Aſpects.
	☉	♄ Orient	♃ Occid.	♂ Orient.	♀ Occid.	☿ Occid.	
1 ☽ Occult 2 Simplic.			□ 12		✶ 20		Vc♄♀. ſd ♂♀ ♀♂♀
3 4 Adrian	13♂29			✶ 21		♂ 16	☾ Apog.
5 6 Fridel.		♂ 6	✶ 1	□ 13		Orient.	♂☉☿7 Bq ♄♀
7 Perper. 8 ☽ Lætare					♂ 9		
9 10 Alexand.	✶ 0	△ 4	∠ 2	△ 4		✶ 7	T d ♄ ♂ ✶ ♂☿9
11 12	13□19	□ 12				□ 14	✶ ☉♃14 ♂☉♄8. ♀♃☿
13 14	△ 23	Occid. ✶ 17	✶ 17	♂ 3	✶ 14	△ 18	△♄♃19(☋ ✶♀☿23
15 ☽ Judica 16 Cyriacus			□ 19		□ 22		
17 18		♂ 18	△ 20	△ 10	△ 2	♂ 19	☾ Perig.
19 20	♂6 4			□ 12			♀☉♂
21 Bendic. 22 ☽ Palm.		✶ 19	♂ 22	✶ 16	♂ 10	△ 19	☾☊
23 24	△ 16	□ 23				□ 0	
25 Annun. ♍. 26	2□56					✶ 10	△ ♄♂0 △ ♄♀15
27 28	✶ 19	△ 8	△ 14	♂ 11	△ 10		♀☿. ☾Apog.
29 ☽ Paſcha 30 Guido.			□ 4		□ 3		△♂♀23 ♂♃♀△♃♂(
30						♂ 18	♀♃☿ (16

The Diurnall Motion of the Planets.

Daies.	☉ ♈ D	☾ ♓ D	Asc. N D	A ♎ D	♄ ♎ D	♃ ♊ D	♂ ♒ D	♀ ♊ D	☿ ♓ D	☊ ♈ D
1	22 4	27 9	4	59 1 0	5 44	6 23	7 9	24 22	3 37	
2	23 3	9♈ 6	4	59 0 56	5 56	7 5	8 12	25 17	3 34	
3	24 1	21 5	4	46 0 52	6 8	7 47	9 15	26 15	3 31	
4	25 0	3♉14	4	18 0 48	6 20	8 29	10 18	27 17	3 27	
5 ☉	25 58	15 23	3	39 0 44	6 32	9 10	11 20	28 23	3 24	
6	26 57	27 36	2	50 0 40	6 44	9 51	12 22	29 32	3 21	
7	27 55	10♊10	1	52 0 36	6 55	10 33	13 24	0♈43	3 18	
8	28 53	22 47	0	48 0 32	7 5	11 15	14 26	1 56	3 15	
9	29 52	5♋35	0	S 19 0 28	7 21	11 57	15 28	3 10	3 12	
10	0♉50	18 41	1	28 0 24	7 33	12 38	16 29	4 25	3 8	
11	1 48	28♌ 2	2	33 0 21	7 46	13 19	17 30	5 43	3 5	
12 ☉	2 47	15 50	3	32 0 17	7 58	14 1	18 30	7 2	3 2	
13	3 45	29 57	4	19 0 14	8 11	14 42	19 30	8 24	2 59	
14	4 43	14♍28	4	50 0 10	8 24	15 24	20 29	9 49	2 56	
15	5 41	29 17	5	3 0 7	8 37	16 5	21 28	11 17	2 53	
16	6 39	14♎17	4D	57 0 4	8 49	16 46	22 27	12 48	2 49	
17	7 37	29 18	4	29 0 1	9 1	17 27	23 25	14 21	2 46	
18	8 35	14♏16	3	42 29♍58	9 14	18 9	24 22	15 55	2 43	
19 ☉	9 33	28 55	2	42 29 55	9 27	18 51	25 19	17 31	2 40	
20	10 31	13♐10	1	34 29 52	9 40	19 32	26 15	19 8	2 37	
21	11 29	26 59	0	N 21 29 49	9 53	20 14	27 10	20 46	2 34	
22	12 27	10♑24	0	51 29 46	10 6	20 55	28 6	22 29	2 30	
23	13 25	23 17	1	58 29 43	10 20	21 36	29 1	24 9	2 27	
24	14 23	5♒59	2	58 29 40	10 33	22 17	29 55	25 54	2 24	
25	15 21	18 3	3	48 29 34	10 46	22 56	0♋42	27 41	2 21	
26 ☉	16 19	0♓10	4	26 29 35	10 58	23 39	1 42	29 31	2 18	
27	17 17	11 58	4	52 29 33	11 11	24 20	2 34	1♈23	2 15	
28	18 15	23 49	5	6 29 31	11 24	25 1	3 26	3 19	2 11	
29	19 12	5♈42	5D	8 29 29	11 38	25 43	4 16	5 17	2 8	
30	20 10	17 33	4	56 29 26	11 51	26 24	5 7	7 17	2 5	

The Latitude of the Planets.

Daies.	N D	A ♎ D	S ♑ D	S ♑ D	A ♋ D	N D	A ♋ D	S ♋ D	A ♌ D
1	1	39 0	27	1	13	2	49	2	12
6	1	38 0	26	1	19	3	3	2	38
11	1	37 0	25	1	27	3	15	2	49
16	1	37 0	25	1	34	3	D24	2	D45
21	1	36 0	2	1	41	3	30	2	20
26	1	35 0	24	1	49	3	32	1	58

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♃ Occid.	♂ Orient.	☽ Occid.	☿ Orient.	The *Planets* mutuall Aspects.
1		☌ 8	✶ 17	✶ 20	✶ 22		☾ Apog.
2							
3							☿ in Digres. max
4 Ambrof.	☌ 6 18			□ 11			
5 ☽ Quasim		△ 6	☌ 17			✶ 4	☊ ☌ ♄ ♀ ☌ ♄ ☿ 22
6							
7 Egesip				△ 1	☌ 7		☾ ☋
8	✶ 12	□ 15				□ 19	
9							Vc ☉ ♄
10	23 □ 30	✶ 21					☊ ♀ ☿
11			✶ 10	☌ 20	✶ 5	△ 7	
12 ☽ Mis. Dom							✶ ♃ ☿ 20
13 Justin	△ 5		□ 13				
14 Tiburt.					□ 10		
15 Olympia		☌ 2	△ 15	△ 4	△ 14	☌ 21	Bq ☉ ♄
16							☿ Hesperus in (
17							(Elong. max.
18 Valerian.	14 ☌ 15			□ 7			☋ ☉ ♃
19 ☽ Jubilate		✶ 2	☌ 12	✶ 11		△ 11	✶ ☌ ☿ 10
20							
21		□ 5			☌ 0		☾ ☊ .
22	△ 4						
23		△ 1 3				□ 2	□ ♄ ☿ 18
24 Adelb.	18 □ 30		△ 9				☽ ♃ ☌
25 Marc.				☌ 10		✶ 22	Bq ♄ ☌
26 ☽ Cantate			□ 22		△ 3		Vc ♄ ☿
27 Agneta	✶ 10						(☾ Apog.
28 Vital.		☌ 12			□ 21		✶ ☿ ☿ 2. ☽ ♄ ♃ (
29			✶ 12	✶ 19			Bq ♄ ☿
30							☊ ☌ ☿

The Diurnall Motion of the Planets.

Daies.	☉ ♉	☾ ♈	Lati. ☾ N D	♄ ♍	♅ ♊	♂ ♒	♀ ♋	☿ ♉	☊ ♈
	D /	D /	D /	D /	D /	D /	E /	D /	D /
1	21 8	29 41	4 30	29 24	12 5	27 4	5 56	9 20	2 2
2	22 5	11 ♉ 55	3 51	29 22	12 18	27 45	6 44	11 25	1 58
3 ☉	23 3	24 18	3 2	29 21	12 32	28 26	7 31	13 31	1 55
4	24 1	6 ♊ 54	2 3	29 19	12 45	29 6	8 18	15 38	1 50
5	24 58	19 37	0 57	29 17	12 58	29 47	9 3	17 45	1 49
6	25 56	2 ♋ 33	0 ☽ 13	29 16	13 12	0 ♓ 27	9 48	19 53	1 46
7	26 53	15 40	1 23	29 14	13 25	1 7	10 32	22 1	1 42
8	27 51	28 57	2 31	29 13	13 39	1 48	11 15	24 9	1 39
9	28 48	12 ♌ 28	3 31	29 12	13 53	2 28	11 58	26 18	1 36
10 ☉	29 46	26 13	4 20	29 10	14 6	3 9	12 40	28 27	1 32
11 -	0 ♊ 44	10 ♍ 13	4 54	29 9	14 20	3 49	13 21	0 ♊ 35	1 29
12	1 41	24 22	5 11	29 8	14 34	4 29	14 0	2 43	1 26
13	2 39	8 ♎ 52	5 D 9	29 7	14 47	5 9	14 38	4 51	1 23
14	3 36	23 27	4 47	29 7	15 1	5 49	15 15	6 58	1 20
15	4 33	8 ♏ 7	4 6	29 6	15 15	6 29	15 50	9 4	1 17
16	5 31	22 40	3 10	29 5	15 29	7 8	16 24	11 10	1 13
17 ☉	6 28	7 ♐ 7	2 2	29 5	15 43	7 48	16 56	13 16	1 10
18	7 25	21 12	0 48	29 4	15 56	8 28	17 27	15 21	1 7
19	8 23	4 ♑ 59	0 N 28	29 4	16 10	9 7	17 56	17 26	1 4
20	9 20	18 20	1 40	29 4	16 24	9 47	18 26	19 31	1 1
21	10 17	1 ♒ 19	2 45	29 Di 4	16 37	10 27	18 53	21 35	0 58
22	11 15	13 56	3 40	29 4	16 51	11 7	19 18	23 38	0 54
23	12 12	26 15	4 24	29 4	17 4	11 46	19 42	25 40	0 51
24 ☉	13 9	8 ♓ 15	4 54	29 4	17 18	12 26	20 4	27 40	0 48
25	14 6	20 ♓ 8	5 11	29 5	17 33	13 5	20 24	29 38	0 45
26	15 4	2 ♈ 0	5 D 16	29 5	17 46	13 44	20 42	1 ♋ 33	0 42
27	16 1	13 50	5 8	29 6	18 0	14 23	20 58	3 26	0 39
28	16 58	25 47	4 45	29 7	18 14	15 0	21 12	5 16	0 35
29	17 55	7 ♉ 54	4 9	29 7	18 27	15 38	21 22	7 2	0 32
30	18 52	20 12	3 22	29 8	18 41	16 16	22 31	8 46	0 29
31 ☉	19 50	2 ♊ 45	2 25	29 9	18 55	16 54	21 37	10 26	0 26

The Latitude of the Planets.

Daies	N	A	S	D	S	A	N	D	S	D
1	1	35	0	23	1	56	3	30	1	15
6	1	34	0	22	2	4	3	23	0	24
11	1	33	0	22	2	12	3	10	0	26
16	1	32	0	21	2	19	2	51	1	10
21	1	31	0	21	2	26	2	24	1	35
26	1	30	0	20	2	33	1	50	1 D	54

Old-Style.	The Lunar Aspects.						The Planets mutuall Aspects.
	☉	♄ Occid	♃ Occid.	♂ Orient	♀ Occid.	☿ Orient.	
1 Phil. Jac.					✶ 13	☌ 23	
2	21☌ 19						SS ♃ ☿
3 D Rogate		△ 10		□ 8			
4 Florian			☌ 10				Vc ♄ ♂
5 Gothard.		□ 18		△ 20			
6 Jo. ant. P.					☌ 14		☾ ☋
7 Ascen. D.	✶ 22					✶ 13	
8 Stanisl.		✶ 0					
9			✶ 2				△ ☉ ♄ 10
10 D Exaudi	6□32			☍ 13		□ 4	△ ♄ ☿ 8
11 Mamert.			□ 7		✶ 5	Occid.	☌ ☉ ☿ 3
12 Pancrat.	△ 13	☌ 8				△ 10	☾ Perig.
13 Servatius			△ 9		□ 10		□ ♂ ☿ 5. SS ♃ ♀
14				△ 21			
15 Sophia					△ 13		Td ♄ ☿
16	22☍52	✶ 11					
17 D Pentecost			☍ 15	□ 1		☍ 12	Q ♄ ♀
18		□ 14					☌ ♃ ☿ 8. ☾ ☊
19 Bernh.				✶ 8			
20		△ 20			☍ 0		
21	△ 21						□ ☉ ♂ 13
22			△ 5			△ 23	♄ stat in Td ☉
23 Desider.							
24 D Trinity	10□45		□ 18	☌ 9			□ ♄ ☿ 17
25 Urbanus		☍ 18			△ 0	□ 23	
26 Beda							Td ♂ ☿. ☾ Apog
27	✶ 5		✶ 8		□ 15		
28						✶ 21	
29			Orient.	✶ 16			☌ ☉ ♃ 18
30 Wigam.		△ 17			✶ 2		
31 D 1 p. Tri.							

The Diurnall Motion of the Planets.

Daies.	☉ ♊	☾ ♊	Lat. ☾ N D	♄ ♍	♃ ♊	♂ ♓	♀ ♋	☿ ♋	☊ ♑
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	20 47	15 34	1 18	29 10	19 9	17 53	21 41	12 3	0 23
2	21 44	28 40	0 7	29 11	19 22	18 11	21 43	13 37	0 19
3	22 41	11♋58	1 ☽ 6	29 12	19 36	18 49	21 44	15 8	0 16
4	23 38	25 32	2 17	29 13	19 50	19 26	21 R 43	16 36	0 13
5	24 35	9♌11	3 22	29 14	20 4	20 4	21 39	18 2	0 10
6	25 33	23 4	4 15	29 16	20 18	20 41	21 32	19 25	0 7
7 ☉	26 30	7♍ 3	4 53	29 18	20 32	21 18	21 23	20 45	0 4
8	27 27	21 5	5 13	29 20	20 46	21 55	21 11	22 3	0 0
9	28 24	5♎13	5 16	29 22	20 59	22 31	20 58	23 19	29 ♐57
10	29 21	19 22	5 D 0	29 24	21 13	23 7	20 42	24 32	29 54
11	0♋ 18	3♍33	4 26	29 26	21 27	23 44	20 24	25 41	29 51
12	1 15	17 44	3 33	29 28	21 40	24 20	20 3	26 48	29 48
13	2 12	1♐51	2 29	29 30	21 54	24 56	19 39	27 51	29 44
14 ☉	3 9	15 48	1 18	29 32	22 7	25 32	19 12	28 51	29 41
15	4 6	29 34	0 N 2	29 34	22 20	26 8	18 43	29 47	29 38
16	5 3	13♑ 6	1 12	29 37	22 34	26 43	18 13	0♌40	29 35
17	6 1	26 20	2 21	29 39	22 48	27 18	17 41	1 30	29 32
18	6 58	9♒13	3 21	29 42	23 1	27 53	17 10	2 17	29 29
19	7 55	21 49	4 10	29 45	23 15	28 28	16 37	3 0	29 25
20	8 52	4♓13	4 45	29 48	23 29	29 4	16 3	3 39	29 22
21 ☉	9 49	16 14	5 7	29 51	23 42	29 38	15 27	4 15	29 19
22	10 46	28 7	5 16	29 54	23 55	0♈12	14 50	4 47	29 16
23	11 43	9♈57	5 D 12	29 57	24 9	0 46	14 12	5 15	29 13
24	12 40	21 45	4 55	0♎ 0	24 22	1 19	13 34	5 38	29 10
25	13 37	3♉43	4 23	0 4	24 36	1 42	12 55	5 57	29 6
26	14 34	15 47	3 4	0 7	24 49	2 25	12 16	6 10	29 3
27	15 31	28 9	2 45	0 11	25 2	2 58	11 37	6 19	29 0
28 ☉	16 28	10♊48	1 44	0 14	25 16	3 31	10 59	6 24	28 57
29	17 25	23 47	0 S 34	0 18	25 29	4 4	10 22	6 25	28 54
30	18 22	7 ♋6	0 39	0 21	25 42	4 36	9 47	6 R21	28 51

The Latitude of the Planets.

Dai.	☽ N	☽ A	☿ S	☿ D	♀ S	♀ A	☊ N	☊ D	♂ N	♂ D
1	1	29	0	20	2	43	0 S	55	1	55
6	1	28	0	19	2	52	0	1	1	28
11	1	27	0	19	3	1	1	6	0 S	48
16	1	25	0	18	3	8	2	14	0 S	7
21	1	24	0	18	3	16	3	23	1	7
26	1	23	0	17	3	25	4	28	2	25

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♃ Orient.	♂ Orient	♀ Occid.	☿ Occid.	The *Planets* mutuall Aspects.
1	10 ♂ 17		☽ 7	□ 4			Eclipsis ☉ invis.
2 Marcel.		□ 1					☿ Rat in SS ☉ ☾
3 Erasmus				△ 13	♂ 17	♂ 6	☾ ☋ ☿ ♄ ☿
4		✶ 7					
5 Bonifac			✶ 19				□ ♃ ♂ ☌ SS ♃ ☿
6	✶ 5						
7 ☽ 2 p. Trin.			□ 23				△ ♂ ☿ ♀ ☿ 19
8	11 □ 35	♂ 14		☍ 2	✶ 0	✶ 2	☾ △ ♂ ☿ 7
9 Medard.							SS ♃ ☿. ☾ perig.
10 Onofri	△ 18		△ 3		□ 2	□ 9	□ ☉ ♄ 1
11							
12		✶ 20		△ 11	△ 3	△ 16	
13							☾ ✶ ♄ ☿ 18
14 ☽ 3 p. Tri.			☍ 11	□ 18			☿ in Elon. max.
15 Vitus	8 ☍ 31	□ 0					☾ ☊
16 Rolandus					☍ 9		
17		△ 7		✶ 1		☍ 10	☾ ♄ ☿
18							
19 Gervasius			△ 2		△ 22		☿ ♂ ☿
20 Sylver.	△ 10						
21 ☽ 4 p. Tri.			□ 15				☍ ♄ ♂ 10
22		☍ 4		♂ 4		△ 14	☾ Apog.
23					□ 8		♂ ☉ ☿ 13
24 Joh Bapt.	3 □ 58		✶ 5		Orient.		
25					✶ 17	□ 4	
26	✶ 22						
27 7 Dorm.		△ 4		✶ 10		✶ 15	
28 ☽ 5. p. Trin.							☾ ☋
29 Pet. Pau.		□ 12	♂ 3	□ 20			☿ ☉ ♄
30	21 ♂ 12				♂ 5		

The Diurnall Motion of the Planets.

Daies	☉	☽	Lat. ☽	☿	♀	♂	♃	♄	♅	♆	☊
	♋	♌	D	♌	♍	♑	♓	♑	♐	♏	♈
	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	19 19	20 48	1 52	0 26	25 55	5 17	9 13	6 12	28 47		
2	20 16	4♌45	3 0	0 30	26 7	5 39	8 40	5 58	28 44		
3	21 13	18 57	3 58	0 34	26 21	6 10	8 8	4 40	28 41		
4	22 11	3♍18	4 41	0 39	26 35	6 41	7 38	5 17	28 38		
5 ☉	23 8	17 37	5 6	0 43	26 48	7 11	7 9	4 49	28 35		
6	24 5	2♎ 3	5D13	0 47	27 1	7 41	6 42	4 18	28 32		
7	25 2	16 11	5 2	0 51	27 14	8 10	6 18	3 13	28 28		
8	26 0	0♏11	4 31	0 55	27 27	8 39	5 56	3 5	28 25		
9	26 57	14 23	3 44	0 59	27 39	9 8	5 37	2 25	28 22		
10	27 54	28 1	2 45	1 4	27 52	9 37	5 20	1 43	28 19		
11	28 51	11♐40	1 38	1 9	28 4	10 5	5 5	0 58	28 16		
12 ☉	29 48	25 10	0 25	1 13	28 17	10 33	4 53	0 13	28 12		
13	0♋46	8♑32	0N47	1 18	28 29	11 0	4 44	29♋30	28 9		
14	1 43	21 42	1 57	1 23	28 42	11 28	4 37	28 50	28 6		
15	2 40	4♒38	2 59	1 28	28 54	11 54	4 32	28 11	28 3		
16	3 38	17 23	3 51	1 33	29 7	12 21	4 29	27 35	28 0		
17	4 35	29 50	4 30	1 38	29 19	12 47	4D28	27 2	27 57		
18	5 32	12♓ 7	4 55	1 43	29 32	13 12	4 30	26 32	27 53		
19 ☉	6 30	26 12	5 D 8	1 48	29 44	13 37	4 34	26 5	27 50		
20	7 27	6♈ 8	5 8	1 53	29 56	14 1	4 41	25 43	27 47		
21	8 24	17 59	4 54	1 58	0♋ 8	14 25	4 50	25 25	27 44		
22	9 22	29 49	4 27	2 4	0 20	14 49	5 1	25 15	27 41		
23	10 19	11♉44	3 48	2 9	0 32	15 12	5 14	25D13	27 38		
24	11 17	23 47	3 0	2 14	0 44	15 33	5 30	25 18	27 34		
25	12 14	6♊ 5	2 2	2 20	0 56	15 55	5 47	25 29	27 31		
26 ☉	13 11	18 41	0 56	2 25	1 8	16 17	6 6	25 48	27 28		
27	14 9	1♋43	0 S13	2 30	1 19	16 38	6 28	26 12	27 25		
28	15 7	15 10	1 25	2 36	1 32	16 59	6 52	26 43	27 22		
29	16 4	29 3	2 34	2 42	1 43	17 18	7 17	27 21	27 19		
30	17 2	13♌12	3 35	2 48	1 55	17 37	7 44	28 7	27 15		
31	17 59	27 55	4 22	2 55	2 6	17 55	8 12	29 1	27 12		

The Latitude of the Planets.

Daies	☿ N	☿ A	♀ S	♀ D	♂ S	♂ D	♃ S	♃ A	♄ S	♄ A
1	2	21	0	17	3	33	5	21	3	37
6	2	20	0	17	3	41	5	54	4	36
11	2	19	0	16	3	49	6	13	5	4
16	2	1	0	16	3	56	6 D	19	4 D	47
21	2	17	0	16	2	2	6	12	3	53
26	2	17	0	15	2	9	5	54	2	30

Old-Style.	The Lunar Aspects.						The Planets mutuall Aspects.
	☉	♄ Occid.	♃ Orient.	♂ Orient.	♀ Orient.	☿ Occid.	
1		✶ 16		△ 2		☌ 2	△♂☿ 14
2 Visit. Mary							□♂♀ 23
3			✶ 12		✶ 7		
4 Ulricus							
5 ☽ 6 p. Trin.	✶ 12	☌ 22	□ 15	☍ 10	□ 7	✶ 4	☾ Perig.
6							
7			△ 19		△ 9	□ 4	
8 Chilian	16□18						SS☉♃. Td☉☌
9							✶♄♀ 18
10 7 Fratr.	△ 0	✶ 6		△ 21		△ 6	
11 Pius							☌☉☿6 ☾☍
12 ☽ 7 p. Tri.		□ 11	☍ 6		☍ 17	Orient	✶☉♄ 15
13 Margar.				□ 5		☍ 12	SS♃♀
14	18☍35	△ 18					
15 Divil. Apo.				✶ 14			♀direct in SS☉
16			△ 23				
17 Alexius					△ 9		
18 Rosina							
19 ☽ 8 p. Tri.		☍ 16	□ 11		□ 21	△ 3	☾ Apog.
20	△ 3			☌ 16			
21						□ 14	
22 Mar. Mag.	21□ 3		✶ 1		✶ 10		
23							
24 Christin.		△ 15				✶ 3	
25 James ☍	✶ 13			✶ 19			☾☍
26 ☽ 9 p. Tr.			☌ 23				
27 Martha		□ 2			☌ 8		
28				□ 3		☌ 21	
29		✶ 6					△☉♂ 21
30	☌6 28			△ 7			
31 German			✶ 6		✶ 17		

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lati. ☾ S	Lati. ☾ A	♄	♃	♂	♀	☿	☊ ☋
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	18 57	12 42	4 D53	3 1	2 17	18 13	8 42	0 1	27 9	
2 ☉	19 54	27 31	5 3	3 7	2 28	18 30	9 13	1 9	27 6	
3	20 52	12♎16	4 56	3 13	2 39	18 47	9 45	2 25	27 3	
4	21 50	26 45	4 28	3 19	2 50	19 2	10 18	3 48	27 0	
5	22 47	10♏53	3 44	3 25	3 1	19 18	10 53	5 16	26 56	
6	23 45	25 0	2 48	3 31	3 12	19 33	11 29	6 48	26 53	
7	24 43	8♐35	1 44	3 37	3 23	19 48	12 7	8 21	26 50	
8	25 41	21 56	0 34	3 43	3 34	20 1	12 46	9 56	26 47	
9 ☉	26 39	5♑ 6	0N36	3 50	3 45	20 14	13 27	11 33	26 44	
10	27 36	18 6	1 43	3 56	3 55	20 27	14 9	13 13	26 41	
11	28 34	0♒52	2 44	4 3	4 6	20 38	14 52	14 56	26 37	
12	29 32	13 30	3 36	4 9	4 16	20 49	15 31	16 42	26 34	
13	0♍30	25 59	4 17	4 16	4 27	21 0	16 21	18 30	26 31	
14	1 28	8♓18	4 45	4 22	4 37	21 7	17 6	20 21	26 28	
15	2 26	20 32	4D59	4 30	4 47	21 15	17 52	22 14	26 25	
16 ☉	3 24	2♈30	5 1	4 36	4 57	21 22	18 39	24 9	26 22	
17	4 22	14 24	4 49	4 43	5 7	21 28	19 27	26 6	26 18	
18	5 20	26 15	4 24	4 49	5 17	21 33	20 16	28 4	26 15	
19	6 18	8♉ 7	3 48	4 56	5 27	21 38	21 6	0♍ 3	26 12	
20	7 16	19 59	3 2	5 2	5 36	21 42	21 56	2 3	26 9	
21	8 14	2♊ 0	2 8	5 9	5 45	21 45	22 47	4 4	26 6	
22	9 13	14 17	1 7	5 16	5 55	21 47	23 38	6 5	26 3	
23 ☉	10 11	26 51	0S 1	5 23	6 4	21 49	24 30	8 5	26 0	
24	11 9	9♋49	1 7	5 29	6 13	21 49	25 23	10 5	25 56	
25	12 7	23 14	2 13	5 37	6 22	21 R49	26 16	12 4	25 53	
26	13 6	7♌ 9	2 15	5 44	6 31	21 49	27 10	13 59	25 50	
27	14 4	21 32	4 6	5 51	6 39	21 47	28 5	15 53	25 47	
28	15 2	6♍18	4 42	5 58	6 48	21 44	29 0	17 46	25 44	
29	16 1	21 26	4 58	6 5	6 57	21 39	29 54	19 38	25 41	
30 ☉	16 59	6♎27	4D54	6 12	7 6	21 34	0♌52	21 28	25 37	
31	17 58	21 37	4 29	6 19	7 14	21 29	1 49	23 17	25 34	

The Latitude of the Planets.

Daies	N A	S D	S D	S D	S D
1	2 17	0 15	4 15	5 27	0 N 50
6	2 16	0 14	4 20	5 1	0 20
11	2 16	0 14	4 25	4 33	1 10
16	2 15	0 13	4 29	4 3	1 38
21	2 14	0 13	4 32	3 32	1 47
26	2 14	0 12	4 32	3 1	1 [illegible]

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♃ Orient.	♂ Orient.	♀ Orient.	☿ Orient.	The *Planets* mutuall Aspects.
1 2 D 10 p. Tri.		☌ 9	□ 8		□ 20	✱ 6	☿ Elong. max.
3 4 Aristarch	✱ 15		△ 10	☍ 20		□ 13	✱♄☿15SS♃☿((☾ Perig.
5 Oswald 6	21□44	✱ 15			△ 0	△ 23	Td ♂☿
7 8	△ 7	□ 22	☍ 21	△ 20			☾☊
9 D 11 p. Tri. 10 Lavrent.				□ 5	☍ 16		□♄♃6.SS ♀☿
11 12 Clara		◁ 6		✱ 14		☍ 9	
13 14	9☍33		△ 18		△ 18		△♂☿10
15 Asum. M. 16 D 12 p. Tri.		☍ 4	□ 17				(SS ☉♄
17 18 Helena	△ 20		✱ 19	☌ 14	□ 11	△ 4	☾Ap✱☉♃22(
19 Sebaldus 20					✱ 4		□♂♀17
21 22	13□15	△ 6		✱ 14		□ 5	Q♄♀.SS♄♀
23 D 13 p. Tri. 24 Barthol.	✱ 3	□ 16	☌ 18	□ 21		✱ 0	☾☋
25 Ludov. 26		✱ 21			☌ 5	Occid.	☌☉☿1 Bq♂☿
27 28 Augustus	14☌50		✱ 1	△ 0		☌ 17	Bq☉♂. Q♃☿
29 Decol. Jo. 30 D 14 p. Tr.		☌ 0	△ 1		✱ 14		☾ Perig. Vc♂☿
31 Pavlinus				☍ 0	□ 17		

The Diurnall Motion of the Planets.

Daies.	☉ ♍	☾ ♍	Lati. ☾ S	Lati. ☾ D	♄ ♎	♃ ♋	♂ ♈	♀ ♌	☿ ♍	☊ ♐
	D /	D /	D /		D /	D /	D /	D /	D /	D /
1	18 56	6 27	3 46		6 27	7 22	21 23	2 46	25 3	25 31
2	19 55	21 0	2 50		6 34	7 30	21 15	3 44	26 49	25 28
3	20 53	♐ 3	1 44		6 41	7 37	21 6	4 43	28 34	25 25
4	21 52	18 49	0 35		6 48	7 45	20 57	5 42	♎ 18	25 21
5	22 51	♑ 5	☊ 35		6 55	7 53	20 48	6 42	2 1	25 18
6 ☉	23 50	15 8	1 41		7 3	8 1	20 38	7 42	3 43	25 15
7	24 48	27 53	2 42		7 10	8 8	20 28	8 42	5 25	25 12
8	25 46	♒ 25	3 31		7 17	8 15	20 17	9 43	7 6	25 9
9	26 45	22 47	4 14		7 24	8 22	20 5	10 44	8 46	25 6
10	27 44	♓ 0	4 41		7 31	8 29	19 52	11 45	10 24	25 3
11	28 43	17 8	4 ♑ 56		7 39	8 35	19 39	12 47	12 1	24 59
12	29 42	29 9	4 58		7 46	8 42	19 25	13 49	13 37	24 55
13 ☉	♎ 41	♈ 6	4 47		7 53	8 48	19 10	14 52	15 12	24 52
14	1 40	23 2	4 22		8 1	8 55	18 57	15 55	16 46	24 49
15	2 39	♉ 55	3 46		8 9	9 1	18 37	16 58	18 19	24 46
16	3 38	16 47	3 2		8 16	9 7	18 20	18 2	19 52	24 43
17	4 37	28 46	2 8		8 23	9 12	18 2	19 5	21 24	24 40
18	5 36	♊ 48	1 9		8 30	9 18	17 43	20 9	22 55	24 36
19	6 35	23 3	0 S 5		8 38	9 24	17 25	21 13	24 26	24 33
20 ☉	7 34	♋ 35	1 0		8 45	9 29	17 7	22 18	25 56	24 30
21	8 33	18 26	2 5		8 52	9 34	16 48	23 23	27 26	24 27
22	9 33	♌ 44	3 3		9 0	9 39	16 28	24 28	28 55	24 24
23	10 32	15 30	3 57		9 7	9 43	16 9	25 34	♏ 22	24 21
24	11 31	29 50	4 35		9 14	9 48	15 50	26 40	1 48	24 17
25	12 31	♍ 35	4 56		9 22	9 52	15 31	27 46	3 13	24 14
26	13 30	29 39	4 D 59		9 29	9 56	15 13	28 52	4 36	24 11
27 ☉	14 29	♎ 56	4 40		9 37	10 0	14 54	29 58	5 57	24 8
28	15 29	♏ 10	4 0		9 44	10 4	14 36	♏ 5	7 17	24 5
29	16 28	15 16	3 3		9 52	10 8	14 17	2 12	8 36	24 1
30	17 28	♐ 3	1 56		9 59	10 12	13 59	3 19	9 55	23 58

The Latitude of the Planets.

Daies	N	A	S	D	S	D	S	D	N	D
1	2	14	0	12	4	28	2	23	1	7
6	2	14	0	12	4	22	1	53	0	40
11	2	14	0	12	4	13	1	24	0	3
16	2	14	0	11	4	0	0	56	0	S 33
21	2	14	0	11	3	44	0	29	1	6
26	2	14	0	10	3	28	0	4	1	42

Old-Style.	The Lunar Aspects.						The Planets mutuall Aspects.
	☉	♄ Occid	♃ Orient	♂ Orient.	♀ Orient	☿ Occid	
1	✶ 22		△ 2				Q♃☉
2 Veronicus					△ 23	✶ 11	♀ ☉ Elong. max
3		✶ 3					Vc ☉♂
4 Thedos.	□ 5 58			△ 4			☾☊
5		□ 9	☍ 10			□ 0	✶♄♀ 6
6 D 15. p. Tri.	△ 18			□ 10			SS♃♀. Td♂♀
7 Regina		△ 18			☍ 22	△ 18	
8 Nat. Mar.				✶ 19			☌♄☿3□♃☿18
9 Gorgon							
10			△ 7				
11							
12	☍ 1 12	☍ 18	□ 19				
13 D 16 p. Tri.				☌ 16	△ 8	☍ 9	☾ Apog.
14 Exalt. Chr.							
15 Nicomed.			✶ 8				☍♂☿ 4
16 Euphe.					□ 3		△♂♀ 5
17	△ 13	△ 28					
18				✶ 13	✶ 20		
19						△ 3	☾☋
20 D 17 p. Tri.	□ 4 0	□ 6	☌ 7	□ 21			
21 Matthew		Orient.				□ 18	☌☉♄9. Td♃♂
22 Maurit.	✶ 15	✶ 13					□☉♃3
23 Esdra				△ 1	☌ 18		
24			✶ 17			✶ 3	
25 Cleoph.							
26 Cyprian	23 ☌ 15	☌ 16	□ 16				
27 D 18 p. Tri.				☍ 0			☍☉♂8 ☾ Per.
28 Wences.			△ 16	Occid	✶ 1	☌ 12	
29 Michael.							
30 Hieron.		✶ 17		△ 23	□ 6		SS♄☿. △♃☿6

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lat. S	Lat. D	♄	♃	♂	♀	☿	☊
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	18 28	14 22	0 43	10 6	10 15	13 41	4 26	11 12	23 55
2	19 27	28 15	0N30	10 14	10 18	13 23	5 34	12 30	23 52
3	20 27	11♈42	1 41	10 21	10 21	13 6	6 42	13 46	23 49
4 ☉	21 27	24 44	2 43	10 28	10 24	12 48	7 50	15 1	23 46
5	22 26	7♉27	3 36	10 36	10 26	12 32	8 58	16 14	23 42
6	23 26	19 52	4 18	10 42	10 29	12 15	10 6	17 25	23 39
7	24 26	2♊ 5	4 46	10 49	10 31	11 59	11 15	18 34	23 36
8	25 26	14 9	5 D 1	10 57	10 33	11 43	12 23	19 40	23 33
9	26 26	26 17	5 4	11 4	10 35	11 28	13 32	20 44	23 30
10	27 26	8♋ 4	4 53	11 11	10 37	11 13	14 41	21 46	23 26
11 ☉	28 26	19 58	4 29	11 18	10 38	10 59	15 50	22 45	23 23
12	29 26	1♌53	3 53	11 25	10 40	10 45	17 0	23 41	23 20
13	0♏26	13 46	3 7	11 32	10 41	10 33	18 10	24 35	23 17
14	1 26	25 46	2 13	11 40	10 41	10 21	19 19	25 26	23 14
15	2 26	7♍50	1 12	11 47	10 42	10 10	20 29	26 10	23 11
16	3 26	20 1	0 8	11 54	10 42	10 1	21 39	26 51	23 7
17	4 26	2♎23	0S 58	12 1	10 43	9 52	22 48	27 27	23 4
18 ☾	5 26	14 58	2 3	12 8	10R43	9 45	23 58	27 56	23 1
19	6 27	27 49	3 2	12 15	10 43	9 37	25 8	28 19	22 58
20	7 27	11♏ 7	3 55	12 22	10 43	9 30	20 18	28 34	22 55
21	8 27	24 41	4 35	12 29	10 42	9 24	27 29	28 R40	22 52
22	9 27	8♐48	5 1	12 35	10 41	9 18	28 40	28 39	22 48
23	10 27	23 17	5D 8	12 42	10 40	9 13	29 51	28 30	22 45
24	11 27	8♑ 8	4 56	12 49	10 39	9 9	1♑ 2	28 10	22 42
25 ☉	12 28	23 14	4 22	12 56	10 38	9 6	2 13	27 37	22 39
26	13 28	8♒13	3 33	13 3	10 37	9 4	3 24	26 53	22 36
27	14 29	23 29	2 23	13 9	10 35	9 3	4 35	25 59	22 33
28	15 29	8♓19	1 8	13 16	10 33	9 2	5 46	24 54	22 29
29	16 30	22 50	0N10	13 22	10 31	9 Di 2	6 58	23 43	22 26
30	17 30	6♈51	1 26	13 28	10 28	9 2	8 10	22 28	22 23
31	18 31	20 30	2 35	13 35	10 26	9 3	9 22	21 11	22 20

The Latitude of the Planets.

Daies	N	A	S	D	S	D	N	A	S	A
1	2	14	0	10	3	9	0	18	2	12
6	2	14	0	9	2	48	0	38	2	36
11	2	15	0	9	2	26	0	57	2 D	53
16	2	15	0	8	2	3	1	13	2	56
21	2	16	0	8	1	43	1	27	2	37
26	2	16	0	7	1	23	1	37	1	35

Old-Style.	The Lunar Aſpects. ☉	♄ Orient.	♅ Orient	♂ Occid.	♀ Orient.	☿ Occid.	The *Planets* mutuall Aſpects.
1	✶ 8				△ 14		☾☊ Vc ♂ ☿
2 Leodeg.		□ 21	♂ 21			✶ 4	□♄♅o. Bq♂♀
3	17 □ 28			□ 3			
4 ☽ 19. p. Trin.						□ 19	Bq ♂ ☿
5	△ 8	△ 6		✶ 10			SS♄♀. ✶♅♀8
6 Fides			△ 17		☌ 20	△ 12	Vc ♂ ♀
7							
8							
9 Dionyſ.							(Digreſ. max.
10 Gedeon		☌ 7	□ 5	☌ 6			☌♄♂ 2. ☿ in(
11 ☽ 20 p. Tri.	18 ☌ 36						Td ☉ ♅. ☾ Apog
12 Colman.			✶ 18				□ ♅♂ 10
13					△ 12	☌ 23	
14 Calixtus							
15		△ 8		✶ 5			♀♅♀. ☾♋
16 Gallus					□ 3		
17	△ 4	□ 19	☌ 16	□ 14			
18 ☽ 21 p. Tri.					✶ 18		
19 Ptolem.	16 □ 58			△ 21		△ 1	
20		✶ 2					
21 Urſula						□ 6	Vc ☉ ♂
22	✶ 1		✶ 3				✶ ♀ ☿ o
23 Severin.					☌ 11	✶ 8	
24 Salome		☌ 7	□ 4	☌ 2			☾ Perig.
25 ☽ 22 p. Tri.	♌ ♍ ♎						SS ☉ ♄
26	☌ 8 51		△ 3				
27					✶ 19	☌ 3	Bb ☉ ♂
28 Dun Jud.		✶ 8		△ 3			
29							☾☊
30	✶ 20	□ 12	☌ 7	□ 4	□ 2		☌ dir. in ☌ ♀ 18
31 Wolfg.						✶ 1	□ ♅♀ 20

The Diurnall Motion of the Planets.

Daies	☉	☽	Lat. ☽ N	Lat. ☽ A	♄	♃	♂	♀	☿	☊
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1 ☉	19 31	3 39	3 43	13 41	10 23	9 6	10 34	19 57	22 19	
2	20 32	16 24	4 19	13 48	0 20	9 9	11 46	18 48	22 14	
3	21 33	28 51	4 51	13 54	10 17	9 13	12 59	17 43	22 10	
4	22 33	11♓ 1	5 9	14 0	0 13	9 18	14 11	16 42	22 7	
5	23 34	23 2	5 13	14 7	10 10	9 24	15 23	15 41	22 4	
6	24 31	4♈ 56	5D 5	14 13	10 6	9 31	16 35	14 42	22 1	
7	25 36	16 46	4 42	14 19	10 2	9 38	17 48	14 4	21 58	
8 ☉	26 36	28 37	4 13	14 25	9 58	9 46	19 0	13 23	21 55	
9	27 37	10♉ 34	3 21	14 31	9 54	9 54	20 14	12 54	21 51	
10	28 38	22 26	2 38	14 37	9 50	10 3	21 24	12 38	21 48	
11	29 39	4♊ 43	1 26	14 43	9 45	10 12	22 37	12 37	21 45	
12	☌♃ 40	17 0	0 26	14 49	9 40	10 22	23 50	12 48	21 42	
13	1 41	29 29	0D 49	14 55	9 35	10 34	25 3	13 7	21 39	
14	2 42	12♋ 6	1 56	15 1	9 30	10 46	26 16	13 34	21 36	
15 ☉	3 43	24 53	2 58	15 6	9 25	10 58	27 29	14 6	21 32	
16	4 44	7♌ 56	3 53	15 12	9 20	11 11	28 42	14 44	21 29	
17	5 45	21 13	4 38	15 18	9 14	11 25	29 56	15 29	21 26	
18	6 46	4♍ 48	5 4	15 24	9 8	11 39	1♍ 9	16 20	21 23	
19	7 47	18 44	5 16	15 29	9 2	11 54	2 22	17 18	21 20	
20	8 48	2♎ 55	5D 9	15 35	8 56	12 9	3 39	18 23	21 17	
21	9 49	17 25	4 41	15 40	8 50	12 21	4 49	19 35	21 13	
22 ☉	10 50	2♍ 7	3 56	15 45	8 44	12 41	6 3	20 50	21 10	
23	11 51	16 56	2 55	15 50	8 38	12 58	7 16	22 7	21 7	
24	12 52	1♏ 45	1 43	15 55	8 31	13 15	8 29	23 26	21 4	
25	13 53	16 24	0N 24	16 0	8 25	13 33	9 42	24 44	21 1	
26	14 54	0♐ 50	0 56	16 6	8 18	13 51	10 55	26 8	20 58	
27	15 55	14 56	2 10	16 10	8 11	14 10	12 8	27 31	20 54	
28	16 56	28 35	3 15	16 15	8 4	14 30	13 22	28 55	20 51	
29 ☉	17 58	11♑ 0	4 8	16 20	7 56	14 49	14 35	0♐ 20	20 48	
30	18 59	24 43	4 45	16 24	7 49	15 9	15 49	1 45	20 45	

The Latitude of the Planets.

Daies	☽ N	☽ A	☿ S	☿ D	♀ S	♀ D	♂ N	♂ A	♃ N	♃ A
)	2 17	0 7	1 1	1 48						
☌	2 18	0 6	0 43	1 53					0 13	
11	2 19	0 6	0 28	1 57					1 40	
16	2 20	0 5	0 15	1D 58					2 24	
21	2 21	0 5	0 4	1 57					2 31	
26	2 22	0 4	0 N 6	1 53					2 6	
									1 33	

The Lunar Aspects.

Old-Style.	☉	♄ Orient.	♅ Orient.	♂ Occid.	♀ Orient.	☿ Orient.	The *Planets* mutuall Aspects.
1 D 23 p. Trin.		△ 19		✶ 10	△ 14		♂ ☉ ☿ 43
2 Animarū	□ 8 38					□ 4	
3 Theophil			△ 22				♂ ♄ ♀ 20
4						△ 10	
5	△ 1						☽ q ♂ ☿. ☌ ♀ ☿
6 Leonhard		♂ 19	□ 11	♂ 9			☌ ♄ ☿
7 Florent.					♂ 2		☾ Apog
8 D 24 p. Tri.			✶ 23				
9 Theod.						♂ 4	□ ♅ ♂ ☉
10	♂ ♐ 3 3						
11 Martert.		△ 20		✶ 11			☾ ☌ ♅
12					△ 14		
13			☌ 19	□ 21			
14 Frideric.		□ 6				△ 3	☽ q ☉ ♅. ☽ q ♅ ♀
15 D 25 p. Trin	△ 18				□ 5		
16		✶ 13		△ 6		□ 13	☌ ☌ ♄ ☿
17					✶ 17		
18 Gelasius	□ ♓ 3 39		✶ 7			✶ 21	(max. à ☉
19							☽ q ♂ ☿. ☿ Elon. ☾
20	✶ 11	♂ 21	□ 10	♂ 15			☽ ☉ ♅
21							☾ Perig.
22 ♎ 26 p. Tri.			△ 9		♂ 7		
23 Clemens						♂ 9	
24	19 ♂ 34	✶ 23		△ 21			△ ♅ ♀ 1 △ ☉ ♂
25 Catharin.							(13. Eclipſis ☉
26			♂ 13	□ 23	✶ 19		
27		□ 2					✶ ☉ ♄ 6
28						✶ 0	
29 D Advent	✶ 13	△ 8		✶ 6	□ 5		☽ ☌ ♂ ♀
30 Andreæ						□ 15	☌ ☌ ♄ ♀. ☽ q ♅ ♀

The Diurnall Motion of the Planets.

Daies	☉ ♐	☾ ♓	Lati. ☾ N	Lati. ☾ A	♄ ♎	♅ ♑	♂ ♈	♀ ♏	☿ ♐	☊ ♐
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	20 0	7 14	5 8	16 30	7 42	15 30	17 3	3 11	20 42	
2	21 1	19 28	5 17	16 34	7 35	15 51	18 17	4 37	20 39	
3	22 3	1♈26	5D 12	16 38	7 27	16 13	19 31	6 4	20 36	
4	23 4	13 17	4 54	16 42	7 20	16 35	20 45	7 32	20 32	
5	24 5	25 7	4 22	16 46	7 12	16 57	21 59	9 1	20 29	
6 ☉	25 6	6♉57	3 39	16 50	7 4	17 19	23 13	10 31	20 26	
7	26 8	18 54	2 47	16 54	6 56	17 42	24 28	12 2	20 23	
8	27 9	0♊58	1 47	16 59	6 48	18 5	25 42	13 32	20 20	
9	28 10	13 16	0 42	17 3	6 40	18 29	26 56	15 3	20 17	
10	29 11	25 48	0S 28	17 7	6 32	18 53	28 10	16 34	20 13	
11	0♍13	8♋34	1 37	17 11	6 24	19 17	29 24	18 6	20 10	
12	1 14	21 40	2 42	17 14	6 15	19 42	0♐39	19 38	20 7	
13 ☉	2 15	4♌48	3 40	17 18	6 7	20 7	1 53	21 9	20 4	
14	3 16	18 14	4 26	17 21	5 59	20 32	3 7	22 40	20 1	
15	4 17	1♍49	4 59	17 24	5 41	20 58	4 21	24 12	19 57	
16	5 19	15 36	5 15	17 27	5 43	21 25	5 35	25 44	19 54	
17	6 20	29 30	5D 13	17 30	5 36	21 51	6 50	27 17	19 51	
18	7 22	13♎34	4 52	17 33	5 27	22 18	8 4	28 50	19 48	
19	8 23	27 45	4 12	17 36	5 19	22 45	9 19	0♑24	19 44	
20 ☉	9 24	11♏59	3 18	17 39	5 12	23 12	10 33	1 58	19 43	
21	10 25	26 21	2 10	17 42	5 4	23 39	11 48	3 33	19 38	
22	11 27	10♐41	0 55	17 44	4 56	24 6	13 3	5 8	19 35	
23	12 28	24 56	0N 23	17 47	4 48	24 34	14 19	6 43	19 31	
24	13 29	9♑3	1 39	17 50	4 40	25 2	15 34	8 19	19 28	
25	14 30	22 55	2 47	17 52	4 32	25 30	16 48	9 55	19 25	
26	15 32	6♒30	3 45	17 54	4 24	25 59	18 4	11 31	19 22	
27 ☉	16 33	19 45	4 27	17 56	4 17	26 28	19 20	13 7	19 19	
28	17 34	2♓36	4 58	17 58	4 9	26 57	20 35	14 44	19 16	
29	18 36	15 11	5 11	18 0	4 1	27 26	21 50	16 21	19 13	
30	19 37	27 25	5 D10	18 2	3 54	27 55	23 5	17 58	19 9	
31	20 38	9♈27	4 57	18 4	3 46	28 24	24 20	19 36	19 6	

The Latitude of the Planets.

Daies	N	A	S	D	N	A	N	D	N	D
1	2	23	0	4	0	19	1	47	0	55
6	2	24	0	3	0	27	1	41	0 S	21
11	2	25	0	2	0	33	1	32	0	17
16	2	26	0	1	0	39	1	21	0	51
21	2	27	0	0	0	44	1	11	1	18
26	2	28	0 N	0	0	49	0	58	1	40

The Lunar Aspects.

Old-Style.	☉	♄ Orient.	♃ Orient.	♂ Occid.	♀ Orient.	☿ Orient.	The *Planets* mutuall Aspects.
1			△ 1		△ 22		
2 Candidus	□ 3 24						
3			□ 12			△ 11	♀ ♃ ☿
4 Barbara	△ 22	♂ 7		♂ 6			♂ ♄ ♂ 9
5							☾ Apo ♐
6 D 2 Advent			✶ 0				Bq ♂ ♀
7					♂ 12		
8 Concepr. Ma.							
9 Joachim		△ 7		✶ 11		♂ ♓ 4	☾ ♃. ☌ ☉ ♄
10	♂ 6 56		♐ 20				✶ ♄ 29. Eclipſ ☾
11 Damaſcus		□ 16		□ 20			Bq ♃ ♀
12 Epimach					△ 18		△ ♂ ♀ 2 Td ☉ ♂
13 D 3 Advent		✶ 5					☾ ☌ ♃
14 Nicaſius				△ 5		△ 8	SS ☉ ♀
15	△ 5		✶ 7		□ 5		☾ ♀
16			Occid.			□ 19	♂ ☉ ♃ 11. Vc ♃
17	12 □ 34		□ 10		✶ 14		
18 Chriſto.		♂ 7		♂ 15			☌ ♄ ☿
19			△ 12			✶ 5	☾ Perig.
20 D 4 Advent	✶ 19						☌ ♃ ♂
21 Thō. A.							♂ ♃ ☿ 21
22 Theod.		✶ 12		△ 23	♂ 4		☾ ☊ Td ♂ ☿
23			♂ 16			♂ 22	
24	♂ 8 16	□ 15					
25 Nat. D.				□ 5			✶ ♄ ♀ 21
26 Stephen		△ 21			✶ 23		
27 D Joh. Ev				✶ 12			
28 Innocents			△ 3				□ ☉ ♄ 10
29	✶ 8				□ 15	✶ 2	
30 David			□ 13				□ ♄ ☿ 1
31 Sylveſt.		♂ 19					

The *Planets* mutuall Aſpects.

Vc ♃ ☿
♂ ♄ ♂ 9
☾ Apo ♐
Bq ♂ ♀
☾ ♃. ☌ ☉ ♄
✶ ♄ 29. Eclipſ ☾
Bq ♃ ♀
△ ♂ ♀ 2 Td ☉ ♂
☾ ☌ ♃
SS ☉ ♀
☾ ♀
♂ ☉ ♃ 11. Vc ♃
☌ ♄ ☿
☾ Perig.
☌ ♃ ♂
♂ ♃ ☿ 21
☾ ☊ Td ♂ ☿
✶ ♄ ♀ 21
☐ ☉ ♄ 10
☐ ♄ ☿ 1

The Radices of the middle motions of the Planets Janary 1, 1657. *at noone, in the Meridian of* London, *according to* HARMONICON COELESTE.

	S	D	′	″
The progression of the first ✶ of ♈ from the Vernall Equinox.	00	28	24	33
The meane Longitude of the ☉	9	21	22	50
The Aphelion of the ☉	3	6	40	59
The meane Longitude of the	8	10	42	30
The Aphelion of the ☾	11	17	55	35
The Node ascend. of ☾	9	8	23	15
The meane motion of ♄	5	23	35	56
The Aphelion of ♄	8	27	14	57
The Node ascend. of ♄	3	21	6	15
The meane motion of ♃	2	1	8	7
The Aphelion of ♃	6	8	50	25
The Node ascend. of ♃	3	5	38	8
The meanei motion of ♂	7	16	36	27
The Aphel on of ♂	5	00	8	2
The Node ascend. of ♂	1	17	24	18
The meane motion of ♀	0	3	18	40
The Aphelion of ♀	10	5	13	34
The Node ascend. of ♀	2	13	33	0
The meane motion of ☿	8	12	35	45
The Aphelion of ☿	8	14	25	42
The Node ascend. ☿	1	13	54	0

End of the Ephemeris *for the year of the Christian Æra* 1657.

AN

EPHEMERIS

OF

The Cœleſtiall Motions: for the Yeare of the Chriſtian Æra, M DC LVIII.

Whereto are numbred from

		YEARS
The	Creation of the World	5607
	Generall Deluge	3951
	Building of *London*	2764
	Death of *Alexander* the Great	1981
	Conſtitution of the *Julian* Year	1702
	Paſſion and death of Chriſt	1625
	Hegyra or flight of *Makomet*	1067
	Correction of the Kalender by P. *Gregorie.*	76
	Biſſextile *or* Leap-year.	2

JULIAN.		GREGORIAN.
6	The Golden Number.	6
6	Cycle of the Sunne.	6
ℂ	Dominicall Letter.	ℱ
11	Roman Indiction.	11
6	Epact.	26
21	Number of Direction.	24
Februa. 7	Septuageſima.	17 *Febr.*
Februa. 24	*Dies Cinerum.*	6 *March*
Aprill 11	Eaſter day.	21 *Aprill*
May 16	Rogation Sunday.	26 *May*
May 20	Aſcenſion day.	30 *May*
May 30	Whitſunday.	9 *June*
Novem. 28	Advent Sunday.	1 *Decemb.*

Authore VINCENTIO WING, *Philomathematico.*

LONDON,
Printed by ROBERT and WILLIAM LEYBOURN, for the Company of STATIONERS: 1652.

This year 1658 wil happen ☌ ♃ ♂ upon the first of *May*.

At $\left\{\begin{matrix} 11^h 32' \ 00'' \ T.M. \\ 11 \ 38 \ 55 \ T.A. \end{matrix}\right\}$ in 8^d 49′ 17″ *Cancer*.

At which time is given.

	S	D	′	″
Middle motion of the ☉	1	19	53	34
Aphelion	3	6	42	21
Mean Anomalie	10	13	11	13
Æquation adde		1	28	5
Suns true place	♉	21	21	39
His distance ftom the earth	101247			

	♃ S	D	′	″	♂ S	D	′	″
Middle motion	3	11	29	30	4	1	2	0
Aphelion	6	8	51	48	5	0	9	39
Mean anomalie	9	2	37	42	11	0	52	21
Absolute Æquation	*ad.*	5	30	26	*ad.*	4	40	31
Excentrique Place	3	16	59	56	4	5	42	31
Node ascend.	3	5	38	25	1	17	25	9
Argument of latitude	0	11	21	31	2	18	17	22
Reduction	*su.*			12	*su.*			21
True place from ☉	3	16	59	44	4	5	42	10
Place of ☉ from the Earth	1	21	21	39	1	21	21	39
Anomalie of Commutation	10	4	21	55	9	15	39	29
Parallax of the Earths Orb	*su.*	8	10	27	*su.*	26	52	53
True place from the Earth	3	8	49	17	3	8	49	17
Distance from ☉ in the Orb	524664				165068			
Inclination from the Ecliptick	*No.*		16	7	*Nor.*	1	48	46
True latitude from the Earth	*N.A.*		14	23	*N.D.*	1	23	14

Mars elevated above *Jupiter* 1^d 8′ 51″

There will also happen a notable ☌ ♄ ☌, the 11th of *October*.

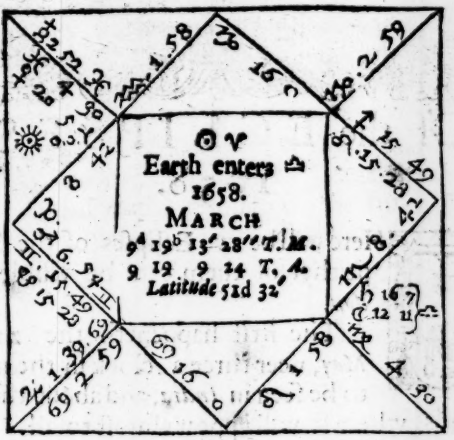
At $\left\{\begin{matrix} 6^h\ 31'\ 00'' & T.M. \\ 6\ 42\ 53 & T.A. \end{matrix}\right\}$ in 22d 4' 53'' *Libra*.

At which time is given.

	S	D	′	″
Middle motion of ☉ from the Equinox	7	00	20	51
Aphelion	3	6	42	50
Mean Anomalie	3	23	38	1
Æquation substract			1 53	43
Suns true place	♎	28	27	8
His distance from the earth			99314	

	♄ S	D	′	″	♂ S	D	′	″
Middle motion	6	15	18	56	6	26	20	50
Aphelion	8	27	17	19	5	0	10	12
Mean anomalie	9	18	1	37	1	26	10	38
Absolute Æquation	*ad.*	6	6	58	*su.*	8	12	6
Place from ☉ in the Orbite	6	21	25	54	6	18	8	44
Node ascend.	3	21	7	19	1	17	25	28
Argument of latitude	3	0	18	35	5	0	43	16
Reduction	*ad.*			1	*ad.*			46
Ecliptique place from ☉	6	21	25	55	6	18	9	30
Place of ☉ from the Earth	6	28	27	8	6	28	27	8
Anomalie of Commutation	♌	7	1	13	0	10	17	38
Parallax of the Earths Orb	*ad.*		38	58	*ad.*	3	55	23
True place from the Earth	♎	22	4	53	♎	22	4	53
True distance from ☉		973	061			161	076	
Angle of Elongation		6	22	14		6	22	14
Inclination of the Orb	*No.*	2	30	0	*North*	54	19	
Angle of the apparent latitude	*N.D.*	2	16	39	*N.D.*	33	44	

The



The exact time of the Earths ingresse into the other three Cardinall Signes.

Earth ♈, ☉ ♑, *June* 10d	H	′	″	
	22	11	56	*T M*
	22	11	30	*T A.*
Earth ♈, ☉ ♎, *September* 12d	H	′	″	
	13	8	54	*T M*
	13	12	58	*T A*
Earth ♑, ☉ ♈, *December* 10d	H	′	″	
	0	44	28	*T M*
	0	44	54	*T A.*

Of the ECLIPSES, 1658.

THere will be two Eclipſes of the Sun, but neither of them can be viſible at *London*.

The firſt happeneth the 22 day of *May*, neer three a clock in the morning, to be ſeen in *India*, and about the *Philippine* Iſlands, where it will appear almoſt totall.

The other hapneth the 14 day of *November*, neer eleven a clock at night, but cannot be ſeen of us, yet will it appear to ſuch people as live beyond the Æquator, in the Iſlands of the Weſtern Ocean, *viz.* in the Iſlands *De los Tubarones*, and *De los Mongos*, *&c.* where it will be a great Eclipſe, continuing from firſt to laſt, three hours, and a halfe.

Theſe Eclipſes of the Sunne are both Centrall, one of them happening before the Suns *Apogæan*, the other after, ſo that there will be no Eclipſe of the Moone this year.

Beſides theſe two Eclipſes, *Argol Tom. 2. Pag. 66.* mentions two Eclipſes of ☾ to happen this year, the firſt upon the 5 day of *June*, about 10 morning, the other upon the 30 day of *October* a little after midnight, which he may affirm as well

well, as he can prove the Earth to be directly in the center of the Firmament, onely by the interpoſition of the Earth at the time of the Moons defect between her and the Sunne, which is but a particular affection, as is evident in the *Copernican Syſteme*, ſo that how this ſhould make againſt the *Copernicâns*, as he alledgeth, *Tom.* 2. *Ephem. page* 365. I think no rationall man can apprehend; but his aſſertion in this ſeems to be infirme. But I ſhall referre them both to the cenſure of the Impartiall and Judicious

ARTIST.

The Diurnall Motion of the Planets.

Dates	☉	☾	Lati. ☾ N	Lati. ☾ D	♄	♃	♂	♀	☿	☊
	D /	D /	D /	D /	D /	D /	D /	D /	D /	D /
1	♑ 21 40	♑ 21 19	4 27	18 5	♐ 3 39	28 54	25 31	♑ 21 14	19 3	
2	22 41	♉ 3 6	3 49	18 7	3 32	29 24	26 50	22 42	19 0	
3 ☉	23 42	14 55	3 1	18 8	3 24	29 54	28 5	24 31	18 57	
4	24 43	26 50	2 5	18 9	3 17	♉ 0 24	29 20	26 11	18 54	
5	25 44	♊ 8 58	1 2	18 11	3 1	0 54	♍ 0 37	27 51	18 51	
6	26 46	21 22	0 S 5	18 12	3	1 25	1 50	29 34	18 47	
7	27 47	♋ 3 0	1 13	18 13	2	1 55	3 5	♒ 1 16	18 44	
8	28 48	16 53	2 19	18 14	2	2	4 20	2 58	18 41	
9	29 49	♌ 0 25	3 20	18 15	2 43	2 57	5 35	4 41	18 38	
10 ☉	♒ 0 50	14 0	4 10	18 16	2 38	3 28	6 50	6 24	18 34	
11	1 51	27 59	4 46	18 17	2 31	4 0	8 5	8 8	18 31	
12	2 52	♍ 12 6	5 5	18 17	2 25	4 3	9 20	9 52	18 28	
13	3 54	26 17	5 D 6	18 17	2 19	5 4	10 34	11 36	18 25	
14	4 55	♎ 10 28	4 49	18 17	2 13	5 36	1 49	13 21	18 21	
15	5 56	24 41	4 12	18 17	2 7	6 8	3 4	15 6	18 18	
16	6 57	♏ 8 44	3 22	18 18	2 3	6 40	14 19	16 51	18 15	
17 ☉	7 58	22 45	2 21	18 18	1 58	7 12	15 3	18 39	18 12	
18	8 59	♐ 6 41	1 10	18 18	1 52	7 44	16 48	20 26	18 9	
19	10 0	20 33	0 N 4	18 17	1 47	8 17	18 3	22 13	18 6	
20	11 0	♑ 4 30	1 16	18 17	1 43	8 49	19 18	23 59	18 2	
21	12 1	17 59	2 25	18 16	1 38	9 21	20 33	25 45	17 59	
22	13 2	♒ 1 29	3 24	18 16	1 33	9 55	21 48	27 29	17 56	
23	14 3	14 47	4 1	18 15	1 29	10 28	23 3	29 10	17 53	
24 ☉	15 4	27 52	4 41	18 15	1 24	11 1	24 18	♓ 0 47	17 50	
25	16 5	♓ 10 37	5 1	18 14	1 20	11 34	25 33	2 21	17 47	
26	17 6	23 6	5 D 3	18 13	1 16	12 7	26 48	3 51	17 43	
27	18 7	♈ 5 18	4 59	8 12	1 13	12 40	28 3	5 18	17 40	
28	19 7	17 24	4 26	18 11	1 9	13 13	29 18	6 41	17 37	
29	20 8	29 14	3 51	18 9	1 6	13 47	♒ 0 33	7 59	17 34	
30	21 9	♉ 11 3	3 6	18 8	1 3	14 20	1 48	9 10	17 31	
31 ☉	22 9	22 50	2 13	18 6	1 0	14 54	3 3	10 14	17 28	

The Latitude of the Planets.

Dates	N	A	N	A	N	A	N	D	S	A
1	2	30	0	2	0	59	0	43	1	56
6	2	31	0	3	1	2	0	26	2 D	10
11	2	33	0	3	1	6	0	14	2	1
16	2	35	0	4	1	9	0	3	1	5
21	2	36	0	5	1	12	0 S	11	1	0
26	2	37	0	5	1	14	0	24	0	54

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♅ Occid.	♂ Occid.	♀ Orient.	☿ Orient	The *Planets* mutuall Aspects.
1	□ 0 44			☌ 16	△ 9	□ 0	☌ ☉ ☿ 17
2			✶ 1			Occid.	
3 ☾	△ 20					△ 22	☍ ♄ ♀
4 Telespho							
5 Simeon		△ 18					☾ ♋ ♌ △ ☌ ♀ 10
6 Epiph.			☌ 22	✶ 20	☌ 22		☌ ♅ ♀ 22
7							☿ ♅ ♀ □ ☌ ☿ 13
8 Erhard.	22 ☌ 51	□ 2					✶ ♅ ☌ 15
9				□ 4		☌ 8	☊ ♄ ☿
10 ☾ 1 p. Epip.		✶ 7					☍ ♀ ☿
11 Hygenus			✶ 7	△ 10	△ 18		
12							
13 Hilarius	△ 14	☌ 13	□ 9		□ 2	△ 5	☾ Perig.
14							☊ ☉ ♄ □ ☉ ☌ 9
15	20 □ 45		△ 12	☌ 20			△ ♄ ♀ 19
16 Marcel					✶ 10	□ 16	
17 ☾ 2 p. Epip.							☌ ☉ ♅
18 Prisca	✶ 4	✶ 20					☾ ♋
19			☌ 19				
20				△ 9		✶ 16	□ ♄ ♀ 4
21		□ 0			☌ 5		
22 Vincent	22 ☌ 34			□ 15			☊ ☌ ♀
23		△ 6					
24 ☾ 3 p. Epip.			△ 6			☌ 6	△ ♅ ☿ 9
25 Conv. P.				✶ 2			
26 Polica p.			□ 15		✶ 8		
27							△ ☉ ♄ 2
28	✶ 4	☌ 1					
29			✶ 4		□ 3	✶ 20	☌ ☿ ♀ ☾ Ap:
30 Adelg.	22 □ 32			☌ 7			♀ in Long. max
31 ☾ 4 p. Epip.					△ 23		

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lati. ☾ N	Lati. ☾ D	♄	♅	♂	♀	☿	♃
	♒	♊			♎	♑	♉	♒	♓	♐
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	23 10	4 43	1 14	18 5	0 58	15 28	4 17	11 13	17 24
2	24 11	16 44	0 10	18 3	0 55	16 2	5 32	12 6	17 21
3	25 11	29 12	0 ☽55	18 1	0 53	16 36	6 47	12 53	17 18
4	26 12	11♑55	2 0	17 59	0 51	17 10	8 2	3 35	17 15
5	27 12	25 4	3 0	17 57	0 49	17 44	9 16	14 8	17 12
6	28 13	8♌39	3 52	17 55	0 48	18 18	10 31	14 29	17 9
7 ☉	29 13	22 38	4 31	17 53	0 47	18 52	11 45	14 41	17 5
8	0♓14	6♍58	4 53	17 51	0 46	19 27	13 0	14 45	17 2
9	1 14	21 30	4 59	17 48	0 45	20 1	14 15	14 R35	16 59
10	2 15	6♎11	4 ☽45	17 45	0 44	20 35	15 30	16 16	16 56
11	3 15	20 50	4 10	17 43	0 44	21 10	16 45	13 44	16 53
12	4 15	5♏21	3 21	17 40	0 43	21 45	17 59	13 3	16 50
13	5 15	19 37	2 20	17 38	0 43	22 20	19 14	12 11	16 46
14 ☉	6 16	3♐34	1 11	17 35	0 43	22 54	20 28	11 11	16 43
15	7 16	17 26	0N 1	17 32	0☽43	23 29	21 43	10 5	16 40
16	8 16	1♑ 4	1 12	17 29	0 43	24 4	22 58	8 54	16 37
17	9 16	14 29	2 16	17 25	0 43	24 39	24 13	7 42	16 34
18	10 16	27 41	3 14	17 22	0 43	25 13	25 27	6 32	16 31
19	11 16	10♒46	4 3	17 19	0 43	25 48	26 42	5 27	16 27
20	12 17	23 43	4 35	17 16	0 44	26 23	27 57	4 27	16 24
21 ☉	13 17	6♓27	4 ☽54	17 13	0 45	26 58	29 12	3 31	16 21
22	14 17	18 44	4 58	17 10	0 47	27 33	0♓26	2 42	16 18
23	15 17	1♈18	4 49	17 6	0 49	28 8	1 41	1 58	16 15
24	16 17	13 29	4 24	17 3	0 51	28 44	2 55	1 21	16 11
25	17 17	25 21	3 50	16 59	0 54	29 19	4 9	0 51	16 8
26	18 16	7♉16	3 6	16 55	0 57	29 54	5 24	0 25	16 5
27	19 16	19 7	2 14	16 51	1 0	0♑30	6 38	0♒ 5	16 2
28 ☉	20 16	0♊54	1 16	16 47	1 3	1 5	7 52	29 53	15 59

The Latitude of the Planets.

Daies	N	A	N	A	N	A	☽	A	N	A
1	2	39	0	6	1	17	0	36	1	6
6	2	40	0	7	1	19	0	48	2	27
11	2	41	0	7	1	2	0	59	3	D 18
16	2	42	0	8	1	21	1	7	3	D 41
21	2	43	0	8	1	22	1	14	3	5
26	2	44	0	9	1	23	1	19	1	59

Old-Style.	The Lunar Aſpects. ☉	☽ Orient	♄ Occid.	♃ Occid.	♂ Orient.	♀ Occid	The *Planets* mutuall Aſpects.
1						□ 14	☌☽♄ ☌☽♀
2 Purif Mary	△ 7	△ 3					
3			☍ 3				☌☽♃. ☌☽♃
4		□ 13		✶ 10		△ 3	
5 Agatha							☌☽♂
6 D. roth.		✶ 16		□ 17	☍ 3		
7 ☾ Septuag.	11☍ 53		✶ 13				
8				△ 21		☍ 12	△☉♃ 12
9 Apollon.			□ 15				☌☉☿
10 Scholaſt.		☍ 19			△ 16		
11	△ 22		△ 16			△ 12	△♄☿ 18
12					□ 23		☌☽♃☾ Perig.
13				☍ 5			☌☽♄
14 ☾ Sexages.	□ 5 2					□ 12	☌☽♂☿
15 Fauſtinus		✶ 0	☍ 23		✶ 8		☌☽♄☍. ☾☊
16 Juliana	✶ 14					✶ 13	☍☉♄ 7
17		□ 5		△ 19		Orient	□☍☿ 15
18							
19		△ 12					☌☽☾♄
20			△ 14	□ 5	☍ 9	☍ 19	☌☉♃
21 ☾ Eſto Mih.	14☍ 33						
22 Cath. P.			□ 23	✶ 17			△♃☿ 7
23 Shro. Tuſ.							☍☿☿ 3
24 Cinerum	Matth.	☍ 7					☌☉♄△♃☿ 22
25			✶ 11		✶ 19	✶ 10	☌☉☍☾ Apog.
26	✶ 0						□☍☿ 13
27 Leand.						□ 22	☍☍♃□
28 ☾ Invoca.				☍ 0	□ 16		

The Diurnall Motion of the Planets.

Dayes	☉	☾	Lati. ☾	♄	♃	♂	♀	☿	☊
	♓	♊	N. D	♎	♋	♊	♓	♒	♐
	D ′	D ′	D ′	D ′	D ′	☽ ′	D ′	D ′	D ′
1	21 16	12 47	0 S 15	16 43	1 6	1 41	9 7	29 47	15 56
2	22 15	24 52	0 48	16 39	1 9	2 16	10 22	29 D 47	15 52
3	23 15	7♋15	1 51	16 35	1 13	2 51	11 37	29 52	15 49
4	24 15	19 57	2 50	16 31	1 16	3 27	12 52	0♓ 4	15 46
5	25 14	3♌ 4	3 42	16 27	1 20	4 3	14 6	0 23	15 43
6	26 14	16 39	4 24	16 23	1 23	4 39	15 20	0 46	15 42
7 ☉	27 13	0♍27	4 50	16 19	1 27	5 14	16 35	1 22	15 37
8	28 13	15 15	4 D 59	16 15	1 31	5 50	17 50	1 43	15 33
9	29 12	0♎ 8	4 49	16 10	1 36	6 25	19 5	2 20	15 30
10	0♈11	15 10	4 17	16 6	1 40	7 1	20 20	3 1	15 27
11	1 11	0♏11	3 29	16 1	1 44	7 37	21 35	3 45	15 24
12	2 10	15 3	2 27	15 57	1 49	8 13	22 50	4 32	15 21
13	3 9	29 42	1 15	15 52	1 54	8 49	24 4	5 22	15 17
14 ☉	4 8	14♐ 7	0 2	15 48	1 59	9 25	25 19	6 15	15 14
15	5 8	27 51	1 N 13	15 43	2 5	10 0	26 34	7 11	15 11
16	6 7	11♑28	2 20	15 39	2 10	10 36	27 48	8 10	15 8
17	7 6	24 43	3 18	15 34	2 15	11 12	29 3	9 11	15 5
18	8 5	7♒40	4 5	15 30	2 22	11 48	0♈17	10 14	15 2
19	9 4	20 32	4 38	15 25	2 27	12 25	1 31	11 20	14 58
20	10 3	3♓ 8	4 57	15 20	2 34	13 1	2 45	12 30	14 55
21 ☉	11 3	15 34	5 D 1	15 15	2 40	13 36	3 59	13 45	14 52
22	12 2	27 52	4 54	15 11	2 46	14 13	5 13	15 1	14 49
23	13 1	10♈ 1	4 30	15 6	2 53	14 49	6 27	16 18	14 46
24	14 0	22 2	3 56	15 1	3 0	15 25	7 41	17 36	14 43
25	14 59	3♉58	3 11	14 56	3 7	16 2	8 55	18 55	14 39
26	15 57	15 47	2 19	14 51	3 14	16 38	10 9	20 15	14 36
27	16 56	27 36	1 21	14 46	3 21	17 14	11 23	21 37	14 33
28 ☉	17 55	9♊27	0 18	14 42	3 28	17 49	12 37	23 1	14 30
29	18 53	21 23	0 S 45	14 37	3 35	18 26	13 51	24 27	14 27
30	19 52	3♋19	1 48	14 33	3 43	19 2	15 5	25 55	14 24
31	20 51	15 45	2 47	14 28	3 51	19 38	16 19	27 25	14 20

The Latitude of the Planets.

Dies	N	A	N	A	N	A	☽	A	N	D
1	2	45	0	9	1	2	1	22	1	S 14
6	2	46	0	9	1	24	1	25	0	1
11	2	47	0	10	1	2	1 D	26	0	56
16	2	47	0	10	1	25	1	26	1	37
21	2	48	0	11	1	2	1	25	2	12
26	2	48	0	11	1	25	1	21	2	30

Old-Style.	The Lunar Aspects. ☉	♄ Orient.	♃ Occid.	♂ Occid.	♀ Orient.	☿ Orient.	The Planets mutuall Aspects.
1	18 □ 20	△ 8				△ 9	☾ ☋
2 Simplic.			☌ 12				Bq ♄ ☿
3		□ 17			△ 9		Td ♃ ♀
4	△ 9						
5				✱ 2			Vc ♄ ♀
6 Fridel.		✱ 0				☍ 0	△ ♃ ♀ 13
7 ☾ Reminis.			✱ 1	□ 8			
8	22 ☍ 24				☍ 4		
9			□ 3	△ 11			
10 Alexand.		☌ 2				△ 6	□ ☉ ♃ 15 ☾ Pe.
11			△ 3				
12 Gregor.					△ 14		
13 Euphras.	△ 6			☍ 16		□ 10	☾ ☊
22 ☾ Oculi		✱ 3			□ 21		
15	13 □ 50		☍ 8			✱ 17	☿ Elong. max.
16 Cyriacus		□ 8					
17 Gertrud.					✱ 9		Bq ♄ ♀ ♀. Q ♂ ♀
18	✱ 1	△ 15		△ 8			
19 Joseph.			△ 23				□ ♃ ♀ 19
20				□ 20		☌ 20	□ ♂ ♀ 18
21 ☾ Lætare							Td ♃ ☿
22			□ 10		☌ 16		Vc ♄ ☿
23	☌ 6 32	☍ 10		✱ 10			△ ♄ ♂ 10
24			✱ 22				☍ ☉ ♄ 23
25		Occid.					☾ Apog.
26 Castulus						✱ 10	
27							✱ ☉ ♂ 18
28 ☾ Iudica	✱ 19	△ 11		☌ 18	✱ 7		
29 Eustach.						□ 7	☍ ♄ ♀ 14
30 Guido.		□ 21	☌ 0				
31	□ 9 41				□ 1		

The Diurnall Motion of the Planets.

Daies	☉ ♈		☾ ♋		Lat. ☾ S A		♄ ♑		♃ ♎		♂ ♊		♀ ♈		☿ ♓		☊ ♑	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	21	50	28	24	3	39	14	24	3	59	20	15	17	33	28	57	14	17
2	22	49	11♌	26	4	32	14	19	4	7	20	51	18	47	0♈	31	14	14
3	23	47	24	57	4	52	14	15	4	15	21	28	20	1	2	7	14	11
4 ☉	24	45	9♍	0	5	5	14	10	4	22	22	4	21	15	3	44	14	8
5	25	44	23	31	5	D 2	14	6	4	30	22	41	22	29	5	23	14	5
6	26	43	8♎	22	4	36	14	2	4	38	23	17	23	43	7	4	14	1
7	27	41	23	31	3	51	13	57	4	45	23	54	24	58	8	47	13	58
8	28	39	8♏	43	2	50	13	53	4	56	24	30	26	12	10	31	13	55
9	29	38	23	53	1	37	13	49	5	5	25	7	27	26	12	17	13	51
10	0♉	36	8♐	46	0	18	13	45	5	14	25	42	28	40	14	4	13	49
11 ☉	1	34	23	20	1	N 0	13	40	5	22	26	19	19	54	15	54	13	46
12	2	33	7♑	29	2	14	13	36	5	31	26	55	1♉	8	17	45	13	42
13	3	31	21	14	3	17	13	32	5	40	27	32	2	22	19	38	13	39
14	4	29	4♒	41	4	6	13	28	5	49	28	8	3	36	21	33	13	36
15	5	27	17	37	4	44	13	24	5	59	28	45	4	50	23	31	13	33
16	6	25	0♓	14	5	5	13	19	6	9	29	21	6	4	25	31	13	30
17	7	23	12	39	5	D 11	13	15	6	19	29	58	7	18	27	33	13	26
18 ☉	8	21	24	51	5	4	13	11	6	29	0♋	34	8	32	29	37	13	23
19	9	19	6♈	58	4	42	13	7	6	39	1	11	9	46	1♉	43	13	20
20	10	17	18	56	4	8	13	3	6	49	1	48	11	0	3	51	13	17
21	11	15	0♉	51	3	24	13	0	6	59	2	25	12	14	6	0	13	14
22	12	13	12	40	2	31	12	56	7	9	3	1	13	28	8	9	13	11
23	13	11	24	32	1	33	12	53	7	19	3	38	14	42	10	19	13	8
24	14	9	6♊	16	0	28	12	49	7	29	4	15	15	56	12	29	13	4
25 ☉	15	7	18	20	0	S 37	12	45	7	40	4	51	17	10	14	38	13	1
26	16	5	0♋	21	1	41	12	42	7	50	5	29	18	24	16	46	12	58
27	17	3	12	32	2	42	12	38	8	2	6	5	19	38	18	54	12	55
28	18	1	24	59	3	36	12	35	8	12	6	42	20	52	21	1	12	52
29	18	59	7♌	36	4	22	12	32	8	23	8	19	22	6	23	7	12	49
30	19	56	20	37	4	53	12	29	8	33	7	55	23	20	25	13	12	45

The Latitude of the Planets.

Daies	☽ N	A	☿ N	A	♀ N	A	♂ S	D	♃ S	A
	2	48	0	22	1	25	1	15	2	35
6	2	48	0	18	1	25	1	9	2 D	26
11	2	47	0	13	1	25	1	1	2	4
16	2	41	0	33	1	24	0	52	1	28
21	2	46	0	14	1	24	0	40	☻	57
26	2	45	0	14	1	23	0	30	0	5

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♅ Occid.	♂ Occid.	♀ Orient.	☿ Orient.	The *Planets* mutuall Aspects.
1							
2 Mar. Æg.	△ 22	✶ 6		✶ 17	△ 14	□ 5	☌☉♅
3			✶ 16				
4 ☾ Palm.				□ 22			□♅☿ 10
5			□ 17				
6		☌ 10				☌ 21	☌♅♀.✶☌☿♂
7 Egesip	☌ 7 2		△ 17	△ 1	☌ 2		
8							☾Peri.g.
9							☌☿♀.☌♄♀ 10
10		✶ 9				△ 9	Td♄☌. ☾☊
11 ☾ Paschа	△ 11		☌ 26	☌ 5	△ 12		
12 Julius		□ 11				□ 21	
13 Justin	23 □ 56				□ 22		
14 Tiburt.		△ 16					
15				△ 22		✶ 23	✶☉♅ 16☌♅♀
16	✶ 13		△ 11		✶ 12		✶♅♀ 2
17					Occid.		☌☉♀ 7
18 ☾ Quasim			□ 23	□ 12			✶☌☿ 15
19		☌ 12					
20							
21	☌ 23 2		✶ 12	✶ 3	☌ 2	☌ 13	✶♅♀ 12. Vc ♄♀
22							Vc☉♄☾ Apog.
23 Georg.							
24 Adelb.		△ 13					Vc ♄☿. ☾☋
25 ☾ Mis. Dom.						Occid.	☌☉☿ 10
26			☌ 15	☌ 10			Bq♄♀
27 Anast.	✶ 10	□ 0			✶ 15	✶ 15	☌♀☿ 20
28 Vital.							Bq☉♄
29	22 □ 38	✶ 9					
30					□ 5	□ 20	

The Diurnall Motion of the Planets.

Date.	☉	☽	☽ Lati.	☿	♀	♂	♃	♄	♅	♆	☊
	☌	☌	S	☌	☌	☌	☌	☌	☌	☌	☌
	D /	D /	D /	D /	D /	D /	D /	E /	D /	D /	
1	20 15	3 52	5D 11 12	25	8 44	8 32	24 34	27 18	12 42		
2	21 51	17 51	1 13	12 22	8 55	9 9	25 48	29 23	12 39		
3	23 25	2♎19	1 55	12 19	9 6	9 46	27 1	♊17	12 35		
4	23 47	16 51	2 17	12 16	9 17	10 22	28 16	3 39	12 32		
5	24 44	1♏51	3 21	12 14	9 28	10 59	29 30	5 32	12 29		
6	25 42	16 59	2 11	12 11	9 40	11 36	0♊44	7 33	12 26		
7	26 39	2♐ 9	0 51	12 8	9 51	12 12	1 57	9 32	12 23		
8	27 37	17 9	0 N31	12 5	10 2	12 49	3 11	11 30	12 19		
9	28 34	1♑14	1 50	12 2	10 14	13 25	4 25	13 28	12 16		
10	29 32	16 16	3 0	12 0	10 25	14 2	5 29	15 23	12 13		
11	0♊30	0♒12	3 58	11 58	10 37	14 39	6 53	17 17	12 10		
12	1 27	13 40	4 40	11 56	10 49	15 15	8 7	19 9	12 6		
13	2 24	26 44	5 6	11 55	11 1	15 52	9 21	20 18	12 3		
14	3 22	9♓ 4	5 17	11 51	11 13	16 29	10 35	22 43	12 0		
15	4 19	21 48	5D 15	11 47	11 25	17 7	11 49	24 24	11 57		
16	5 17	3♈55	4 54	11 47	11 37	17 43	13 2	26 1	11 54		
17	6 14	15 53	4 22	11 46	11 49	18 20	14 16	27 34	11 51		
18	7 12	27 45	3 39	11 44	12 1	18 57	15 30	29 4	11 47		
19	8 9	9♉34	2 48	11 43	12 13	19 34	16 44	0♋30	11 44		
20	9 6	21 23	1 50	11 41	12 25	20 11	17 57	1 52	11 41		
21	10 3	3♊16	0 45	11 40	12 37	20 48	19 10	3 11	11 38		
22	11 1	15 18	0S20	11 39	12 49	21 25	20 24	4 28	11 35		
23	11 58	27 22	1 27	11 38	13 1	22 2	21 38	5 42	11 32		
24	12 55	9♋35	2 30	11 37	13 14	22 39	22 52	6 52	11 28		
25	13 53	22 0	3 27	11 35	13 26	23 16	24 5	7 58	11 25		
26	14 50	4♌ 8	4 15	11 34	13 39	23 53	25 19	9 0	11 21		
27	15 47	17 24	4 50	11 33	13 51	24 30	26 33	10 0	11 19		
28	16 44	0♍31	5 11	11 32	14 4	25 7	27 47	10 56	11 15		
29	17 42	13 58	5 17	11 32	14 16	25 44	29 1	11 48	11 12		
30	18 39	27 36	5D 6	11 31	14 29	26 21	0♋15	12 36	11 9		
31	19 36	11♎42	4 35	11 30	14 41	26 58	1 28	13 20	11 6		

Dates	☽ N	☽ A	☿ N	☿ A	♀ N	♀ D	♂ S	♂ D	♃ N	♃ A
1	2 44	0	14	1	23	0	20	0	56	
6	2 43	0	15	1	23	0	10	1	36	
11	2 42	0	15	1	22	0	N 3	2	3	
16	2 41	0	15	1	21	0	13	2 D	11	
21	2 40	0	16	1	21	0	28	1	56	
26	2 39	0	16	1	D20	0	38	1	24	

The Latitude of the Planets.

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♃ Occid.	♂ Occid.	♀ Occid.	☿ Occid.	The Planets mutuall Aspects.
1			✱ 8	✱ 8			☌ ♃ ♂ 11
2 ☾ Jubilate	△ 7				△ 14	△ 23	
3 Invent. C.		☌ 6	□ 11	□ 13			
4 Florian							
5 Gothard.			△ 12	△ 15			☾ Perig.
6	14 ☍ 44				☍ 23		□ ♄ ♂ 21
7		✱ 16				☍ 13	▽ ♃ ☿ : ☾ ☊
8 Stanisl.							△ ♄ ☿ 7
9 ☾ Cantate		□ 17	☍ 14	☍ 19			SS ♂ ☿
10							
11 Mamert.	△ 1	△ 21			△ 13		
12 Pancrat.						△ 11	
13	11 □ 38						
14			△ 3	△ 18	□ 2		SS ♃ ♀. Td ♄ ☿
15 Sophia						□ 6	△ ♄ ♀ 0
16 ☾ Rogate	✱ 3	☍ 16	□ 16		✱ 20		□ ♄ ♃ 18
17				□ 6			
18						✱ 3	
19 Bernd.			✱ 5	✱ 21			☾ Apog.
20 Ascen. D.							
21	14 ☌ 45	△ 17					☾ ☋
22					☌ 11		△ ☉ ♄ 16
23 ☾ Exaudi						☍ 18	SS ♂ ♀
24		□ 4	☌ 7				SS ☉ ♃ Td ♄ ♀
25 Urbanus				☌ 3			
26 Beda	✱ 21	✱ 15					
27					✱ 18		☾ Digress. max.
28						✱ 20	□ ♄ ☿ 17. ☿ in ☾
29	□ 7 4		✱ 0	✱ 21			
30 ☾ Pentecost					□ 5		
31 Petronel	△ 14	☌ 0	□ 5			□ 3	

The Diurnall Motion of the Planets.

Dates.	☉	☾	Lati. ☾	☿	♃	♂	♀	♄	☊
	♊	♎	S D	♎	♋	♋	♋	♋	♑
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	20 33	26 2	3 46	11 32	14 54	27 35	2 43	13 59	11 3
2	21 30	10♍35	2 43	N 32	15 7	28 12	3 56	14 36	11 0
3	22 27	25 32	1 28	11 D 32	15 20	28 49	5 9	15 8	10 57
4	23 24	10♎30	0 6	11 32	15 32	29 26	6 22	15 36	10 54
5	24 21	25 22	1 N 15	11 32	15 45	0♌ 3	7 36	16 1	10 51
6 ☉	25 18	10♏ 4	2 31	11 32	15 58	0 40	8 49	16 20	10 48
7	26 15	24 27	3 35	11 33	16 11	1 17	0 2	16 35	10 45
8	27 13	8♐27	4 25	11 33	16 24	1 54	11 15	16 45	10 41
9	28 10	22 7	4 56	11 34	16 37	2 31	12 29	16 48	10 38
10	29 7	5♑16	5 13	11 34	16 50	3 8	13 42	16 R 48	10 35
11	0♋ 4	17 59	5 D 13	11 35	17 4	3 49	14 55	16 45	10 31
12	1 1	0♒25	4 59	11 36	17 17	4 22	16 8	16 37	10 28
13 ☉	1 58	12 29	4 31	11 37	17 30	4 59	17 22	16 25	10 25
14	2 55	24 26	3 50	11 38	17 43	5 36	18 35	16 8	10 22
15	3 53	6♓14	3 2	11 39	17 56	6 14	19 48	15 49	10 19
16	4 50	18 1	2 6	11 40	18 9	6 51	21 1	15 25	10 16
17	5 46	29 50	1 4	11 42	18 22	7 29	22 15	14 58	10 12
18	6 43	11♈41	0 S 1	11 43	18 35	8 6	23 28	14 28	10 9
19	7 41	23 53	1 7	11 45	18 48	8 43	24 41	13 56	10 6
20 ☉	8 38	6♉10	2 11	11 46	19 2	9 20	25 55	13 22	10 3
21	9 35	18 40	3 10	11 47	19 15	9 58	27 8	12 47	10 0
22	10 32	1♋24	4 0	11 50	19 28	10 35	28 22	12 9	9 56
23	11 29	14 19	4 38	11 52	19 41	11 12	29 35	11 31	9 53
24	12 26	27 29	5 3	11 54	19 55	11 50	0♌ 4	10 52	9 50
25	13 23	10♌47	5 12	11 56	20 8	12 27	2 2	10 14	9 47
26	14 20	24 22	5 D 4	11 58	20 22	13 4	3 15	9 37	9 44
27 ☉	15 17	8♎ 2	4 38	12 0	20 35	13 42	4 29	9 2	9 41
28	16 14	21 58	3 55	12 2	20 49	14 19	5 42	8 30	9 38
29	17 11	6♍ 4	2 59	12 4	21 2	14 56	6 55	8 1	9 34
30	18 9	20 14	1 50	12 6	21 35	15 33	8 9	7 36	9 31

The Latitude of the Planets.

Dates	☿ N	☿ A	♀ N	♀ A	♂ N	♂ A	♃ N	♃ A	♄ N	♄ A
1	2	37	♍	17	1	19	0	51	0	S 17
6	2	36	0	17	1	18	1	2	0	53
11	2	34	0	18	1	17	1	9	2	12
16	2	33	♎	18	1	16	1	17	3	37
21	2	31	0	19	1	15	1	23	4	27
26	2	30	0	20	1	13	1	28	4	58

25 the English take Dunkirke

Old-Style.	The Lunar Aspects. ☉	☽ Occid	☿ Occid.	♂ Occid.	♀ Occid.	♄ Occid.	The Planets mutuall Aspects.
1				□ 2	△ 12		
2 Marcel.			△ 7			△ 6	☾ Perig.
3				△ 5			♂ ☿ ♀ 18
4	22 ♂ 16	✱ 1					Td ☉ ☽ stat.
5 Bonifac					♂ 21		(in ☌ ♂. ☾ ☊
6 ☾ Trinity		□ 2	♂ 10			♂ 10	
7				♂ 12			
8 Medard.		△ 5					□ ☽ ♀ 6
9	△ 12						
10			△ 21		△ 17	△ 21	
11							
12	1 □ 20	♂ 22		△ 8			♂ ♀ ♀ 8
13 ☾ 1. p. Tri.			□ 10		□ 11	□ 8	♂ ☿ ♀ 3
14 Valerius	✱ 15						
15 Vitus				□ 0		✱ 19	
16 Rolandus			✱ 0		✱ 7		☾ Apog.
17				✱ 16			
18		△ 0					☾ ☊
19 Gervasius							
20 ☾ 2 p. Tri.	♂ 5 8	□ 11				♂ 13	
21			♂ 1		♂ 18		
22 X. M. Mar.		✱ 20		♂ 18			□ ♄ ♀ 11 SS ☉ ♂
23						Orient	□ ♄ ☉ ☽ ♂ ☉ ♀ ☽
24						✱ 23	✱ ♄ ♂ 3
25	✱ 5		✱ 17				(☌ ♄ ♀. SS ♂ ♀
26					✱ 17		
27 ☾ 3. p. Trin.	13 □ 25	♂ 7	□ 22	✱ 10		□ 1	
28							
29 Pet. Mart.	△ 20			□ 15	□ 2	△ 3	SS ♀ ♀. ☾ Perig.
30			△ 1				

The Diurnall Motion of the Planets.

Dayes	☉	☾	Lati. ☾	☿	♀	♂	♃	♄	♅	♆
	♈	♉	S. D	♓	♈	♉	♊	♋	♌	♑
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	♑ ′
1	19 6	4 53	0 N35	12 10	21 29	16 11	9 22	7 18	9 23	
2	20 3	19 23	0 44	12 13	21 42	16 48	10 35	7 8	9 25	
3	21 0	3♈55	2 0	12 16	21 55	17 26	11 49	7 5	9 22	
4 ☉	21 57	18 22	3 8	12 19	22 9	18 3	13 2	7 5	9 19	
5	22 54	2♉40	4 2	12 22	22 22	18 41	14 15	7 6	9 15	
6	23 51	16 37	4 41	12 25	22 35	19 18	15 28	7 14	9 12	
7	24 48	0♊10	5 2	12 28	22 48	19 56	16 41	7 28	9 8	
☽	25 46	13 23	5 D 7	12 31	23 2	20 33	17 54	7 48	9 5	
9	26 43	26 9	4 56	12 34	23 15	21 10	19 7	8 12	9 2	
10	27 42	8♋34	4 31	12 37	23 28	21 48	20 21	8 42	8 58	
11 ☉	28 37	20 42	3 54	12 40	23 42	22 26	21 34	9 13	8 56	
12	29 35	2♌37	3 8	12 44	23 55	23 3	22 47	9 53	8 53	
13	♑32	14 23	2 15	12 47	24 8	23 4	24 0	10 41	8 49	
14	1 49	26 7	1 16	12 51	24 22	24 18	25 14	11 35	8 46	
15	2 26	7♍8	0 13	12 54	24 35	24 56	26 27	12 36	8 43	
16	3 24	19 56	0 51	12 59	24 48	25 33	27 40	13 44	8 40	
17	4 21	2♎6	1 53	13 3	25 2	26 11	28 53	14 49	8 37	
18 ☉	5 18	14 34	2 52	13 7	25 15	26 49	0♒ 6	16 7	8 34	
19	6 15	27 19	3 43	13 11	25 28	27 27	1 19	17 33	8 30	
20	7 13	10♑33	4 27	13 15	25 42	28 4	2 32	19 3	8 27	
21	8 10	23 43	4 51	13 20	25 55	28 42	3 45	20 37	8 24	
22	9 8	7♒19	5 3	13 24	26 8	29 20	4 58	22 14	8 21	
23	10 5	21 2	4D 57	13 28	26 21	29 58	6 11	23 54	8 18	
24	11 3	4♓54	4 35	13 32	26 34	0♒36	7 23	25 36	8 15	
25 ☉	12 0	18 50	3 54	13 37	26 47	1 14	8 36	27 20	8 11	
26 ☉	12 58	2♈49	3 1	13 42	27 0	1 52	9 49	29 6	8 8	
27	13 55	16 49	1 56	13 47	27 13	2 30	11 2	0♑54	8 5	
28 ♁	14 53	0♉52	0 45	13 51	27 26	3 8	12 15	2 45	8 2	
29	15 50	14 57	0 N30	13 56	27 39	3 46	13 27	4 37	7 59	
30	16 48	0♊40	1 42	14 1	27 52	4 24	14 40	6 31	7 55	
31	17 45	13 18	2 49	14 6	28 5	5 2	15 53	8 27	7 52	

The Latitude of the Planets.

Dates	☿ N	☿ A	♀ N	♀ A	♂ N	♂ A	♃ N	♃ A	♄ S	♄ A
1	2	28	0	20	1	11	1	31	4 D	46
6	2	27	0	21	1	10	1	33	3	55
11	2	26	0	21	1	8	1 D	33	2	49
16	2	24	0	22	1	7	1	31	1	30
21	2	23	0	22	1	5	1	27	0 N	15
26	2	22	0	23	1	4	1	22	0	40

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♃ Occid.	♂ Occid.	♀ Occid.	☿ Orient.	The Planets mutuall Aspects.
1		✶ 12		△ 19	△ 8		☌☊
2 Visit. Ma.						☌ 6	✶♄♀9
3		□ 14					☌☉♃6
4 ☾ 4 p. Trin	☌6 27		☌				
5 Antheliu.		△ 16	Orient.		☌ 22		
6				☌ 5		△ 13	
7			△ 18				
8							
9 Cirilius	△ 1					□ 0	
10 7 Fratr.		☌					(SS♃♂
11 ☾ 5. p. Trin	17 □ 24		□ 6	△ 4	△ 2	✶ 16	☌☌♀11
12							SS♃♀☊☌♄(
13 Margar.	✶ 12		✶ 20	□ 20	□ 22		♀ 1. Elon. max.
14							□♄♀7, ☾☋
15		△ 11		✶ 12	✶ 17		
16							
17 Alexius		□ 21				☌ 8	
18 ☾ 6 p. Tri.			☌ 20				
19	17 ☌ 29						
20		✶ 5					
21				☌ 9	☌ 19		
22							
23 Apollin			✶ 9			✶ 5	
24 Christin.	✶ 8	☌ 14					☌♃♀15
25 ☾ 7. p. Tri.			□ 14	✶ 22		□ 17	
26 Anna	18 □ 40				✶ 13		✶☉♄20
27 Martha			△ 18				☾ Peng.
28 Panthal.		✶ 22		□ 4	□ 21	△ 3	SS☌♀.☾☊
29	△ 2						SS♄♀
30				△ 9			
31 German.		□ 2			△ 5		

The Diurnall Motion of the Planets.

Daies	☉	☾	Lati. ☾	♄	♅	♂	♀	☿	☊
	♌	♈	N A	♏	♑	♍	♍	♌	♐
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1 ☉	18 43	27 14	3 45	14 18	28 18	5 40	17 6	10 25	7 49
2	19 41	11♎ 8	4 26	14 17	28 51	6 18	18 19	12 24	7 46
3	20 38	24 51	4 55	14 22	28 44	6 56	19 32	14 25	7 43
4	21 36	8♑ 14	5 D 0	14 27	28 57	7 34	20 45	16 28	7 40
5	22 34	21 20	4 53	14 33	29 10	8 12	21 58	18 31	7 36
6	23 31	4♈ 7	4 30	14 38	29 23	8 50	23 10	20 37	7 33
7	24 29	16 30	3 55	14 44	29 36	9 29	24 22	22 41	7 30
8 ☉	25 27	28 38	3 10	14 49	29 48	10 7	25 35	24 44	7 27
9	26 25	10♉ 31	2 18	14 55	0♑ 0	10 45	26 48	26 46	7 24
10	27 23	22 18	1 21	15 0	0 13	11 23	28 0	28 47	7 21
11	28 20	4♊ 1	0 S 2	15 6	0 25	12 2	29 12	0♏ 47	7 17
12	29 18	15 50	0 41	15 11	0 38	12 40	0♎ 25	2 46	7 14
13	0♏ 16	27 50	1 4	15 17	0 50	13 18	1 37	4 44	7 11
14	1 14	10♋ 2	1 40	15 23	1 3	13 57	2 49	6 41	7 7
15 ☉	2 12	22 33	2 32	15 29	1 15	14 36	4 1	8 36	7 5
16	3 10	5♌ 34	3 14	15 36	1 28	15 14	5 13	10 29	7 2
17	4 8	18 50	3 44	15 42	1 40	15 53	6 25	12 20	6 58
18	5 6	2♍ 26	3 57	15 48	1 52	16 31	7 38	14 9	6 55
19	6 4	16 27	3 55	15 54	2 4	17 9	8 50	15 55	6 52
20	7 2	0♎ 39	3 D 33	16 0	2 16	17 48	10 2	17 41	6 49
21	8 0	14 56	3 54	16 6	2 28	18 26	11 14	19 25	6 46
22 ☉	8 59	29 16	3 1	16 12	2 39	19 5	12 26	21 8	6 43
23	9 57	13♏ 34	1 56	16 18	2 51	19 43	13 38	22 50	6 39
24	10 55	27 42	0 45	16 24	3 3	20 22	14 50	24 31	6 36
25	11 53	11♐ 42	0N 30	16 30	3 15	21 1	16 2	26 11	6 33
26	12 52	25 40	1 49	16 37	3 27	21 39	17 14	27 50	6 30
27	13 50	9♑ 29	2 45	16 43	3 32	22 18	18 26	29 28	6 27
28	14 48	23 10	3 41	16 50	3 50	22 57	19 38	1♎ 5	6 24
29 ☉	15 47	6♒ 49	4 26	16 56	4 1	23 36	20 50	2 41	6 20
30	16 45	20 20	4 49	17 5	4 12	24 15	22 2	4 16	6 17
31	17 43	3♓ 38	4 59	17 11	4 24	24 54	23 14	5 50	6 14

The Latitude of the Planets.

Dai.	N	A	♅	A	N	D	N	D	N	A
3	2	21	0	23	1	2	1	12	1	26
6	2	21	0	23	1	0	1	3	1	D 44
13	2	2	0	24	0	59	0	53	1	40
17	2	20	0	24	0	57	0	39	1	25
23	2	19	0	25	0	55	0	25	0	56
26	2	19	0	25	0	53	0	11	0	23

Old-Style.	The Lunar Aspects. ☉	☽ Occid.	☿ Orient.	♂ Occid.	♀ Occid.	♀ Orient.	The *Planets* mutuall Aspects.
1 ☾ 8 p. Trin.	☌ 16 4	△ 6	☌ 2			☌ 2	✶ ♄♀ 23
3				☌ 22			
4 Aristarch							
5			△ 15		☌ 2		
6 Sixtus		☌ 20					
7	△ 17					△ 25 Occid.	♋ ☉ ♀
8 ☾ 19 p. Tri.			□ 2				♋ ☉ ♀ 16
9				△ 0			♋ ♀ ☿
10 Laurent.	11 □ 19		✶ 16		△ 13	□ 16	♋ ♅ ☿ ☾ Apog
11		△ 23		□ 17			☾ ♅
12							✶ ♅ ♀ 5
13	✶ 6				□ 8	✶ 16	
14 Eusebius		□ 10		✶ 7			
15 ☾ 10 p. Tri.			☌ 16		✶ 23		♋ ♄ ☿
16 Rochus		✶ 18					
17							
18 Helena	☌ 4 54					☌ 23	
19				☌ 1			♋ ♄ ☌
20			✶ 3		☌ 17		☌ ☌ ♀ 3
21							
22 ☾ 11 p. Tri.	✶ 19	☌ 2	□ 6				
23 Zachæus				✶ 10		✶ 28	☾ ☾ ☊
24 Barthol.			△ 9				☊ ♅ ♀ ☾ Per. ☾
25 Ludov.	□ 0 20	✶ 9		□ 16	✶ 8		☌ ♄ ♀ 10
26						□ 4	
27 Gebhar.	△ 8	□ 13		△ 23	□ 17		
28 Augustus			☌ 19			△ 16	
29 ☾ 12 p. Tri.		△ 18					✶ ♅ ♀ 23
30					△ 3		♋ ☉ ♄
31 Paulinus							

The Diurnall Motion of the Planets.

Daies	☉	☾	Lati. ☾	♄	♃	♂	♀	☿	☊
	♍	♓	N D	♑	♌	♍	♎	♎	♈
	D /	D /	D /	D /	D /	D /	D /	D /	D
1	18 42	16 44	4 54	17 17	4 35	25 33	24 25	7 23	6 11
2	19 41	29 36	4 23	17 28	4 46	26 42	25 37	8 55	6 8
3	20 39	12♈10	4 ♌	17 30	4 57	26 51	26 48	10 25	6 5
4	21 38	24 29	3 15	17 36	5 8	27 30	28 0	11 54	6 1
5 ☉	22 36	6♉37	2 23	17 43	5 19	28 9	29 12	13 22	5 58
6	23 35	18 26	1 25	17 51	5 30	28 48	0♏24	14 49	5 55
7	24 34	0♊14	☽ 24	17 57	5 41	29 27	1 35	16 13	5 52
8	25 32	11 58	♎ 39	18 4	5 52	9♍ 5	2 46	17 39	5 49
9	26 31	23 47	1 39	18 11	6 3	0 44	3 58	19 2	5 46
10	♎ ☉ 30	5♋45	2 37	18 18	6 14	1 23	5 9	20 24	5 42
11	28 29	17 58	3 27	18 25	6 24	2 2	6 21	21 45	5 39
12 ☽	29 ♎ 77	0♌32	4 11	18 33	6 34	2 41	7 32	23 5	5 36
13	0♏26	11 29	4 41	18 40	6 42	3 20	8 43	24 24	5 33
14	1 25	26 53	4 55	18 47	6 54	4 0	9 54	25 42	5 30
15	2 24	10♍45	5 ☽ 0	18 54	7 4	4 39	11 5	26 58	5 27
16	3 23	24 56	4 42	19 1	7 14	5 19	12 17	28 12	5 23
17	4 22	9♎28	4 6	19 9	7 23	5 58	13 28	29 25	5 20
18	5 21	24 13	3 15	19 16	7 33	6 38	14 39	0♍36	5 17
19 ☉	6 20	8♏58	2 7	19 23	7 43	7 17	15 50	1 44	5 14
20	7 20	23 36	☽ 53	19 30	7 54	7 57	17 1	2 51	5 11
21	8 19	8♐7	☽N24	19 37	8 2	8 36	18 12	3 56	5 8
22	9 18	22 22	1 39	19 44	8 11	9 16	19 22	4 59	5 4
23	10 17	6♑23	2 47	19 51	8 21	9 56	20 33	5 59	5 1
24	11 16	20 8	3 44	19 58	8 30	10 35	21 41	6 56	4 58
25	12 16	3♒16	4 31	20 5	8 37	11 15	22 54	7 50	4 55
26 ☉	13 15	16 58	4 54	20 12	8 47	11 55	24 5	8 41	4 52
27	14 15	0♓8	5 6	20 19	8 56	12 34	25 16	9 29	4 48
28	15 14	12 59	5 D ☽	20 27	9 4	13 14	26 26	10 14	4 45
29	16 14	25 45	4 44	20 34	9 13	13 54	27 36	10 55	4 42
30	17 13	8♈17	4 ☾	20 42	9 22	14 33	28 46	11 32	4 39

The Latitude of the Planets.

Daies	N	A	N	A	N	D	S	A	S	A
1	2	18	0	26	0	51	0	9	0	21
6	2	18	0	27	0	49	0	24	0	58
11	2	17	0	28	0	47	0	41	1	37
16	2	17	0	28	0	45	0	58	2	11
21	2	16	0	29	0	43	1	18	2	43
26	2	16	0	30	0	41	1	33	3 D	6

Old-Style.	The Lunar Aspects. ☉	♄ Occid.	♃ Orient.	♂ Occid.	♀ Occid.	☿ Occid.	The *Planets* mutuall Aspects.
1	☌ 3 58			☌ 17			
2			△ 10			☌ 19	
3		☌ 1[illegible]					☍ ☌ ☿
4 Thed. t.			□ 21		☽ 8		
5 ☾ 13 p. Tri.	☽						☾ Apog.
6 Magnus	△ 12			△ 22			
7 Regina			✶ 11				☾ ☍ ♃
8 Nat. Mar.		△ 13				△ 13	☌ ♄ ☿ 8. ♀ ☍ ☿
9	□ 6 0			□ 15	△ 23		
10							
11	✶ 22	□ 1				□ 8	□ ♃ ☿ 1. ♀ ☌ ♃
12 ☾ 14 p. Tri.			☌ 11	✶ 11	□ 14		
13		✶ 9				✶ 21	
14 Exalt. Chr.							
15 Nicomed.			✶ 20	☌ 17	✶ 0		
16	14 ☌ 58						
17 Lampert.		☌ 16					
18			□ 22			☌ 11	
19 ☾ 15 p. Tri.					☌ 12		✶ ♃ ☌ 21
20 Fausta							✶ ☉ ♃ 16 ☾ ☊
21 Matthew	✶ 1	✶ 20	△ 0	✶ 1 Orient.			☌ ☉ ☌ 21. ☾ per
22 Mauri.						✶ 23	
23	□ 7 28			□ 6			
24 Samuel		□ 0			✶ 3		
25	△ 17		☌ 9	△ 14		□ 8	
26 ☾ 16 p. Tri.		△ 6			□ 14		□ ♃ ☿ 4
27 Cosm. D.						△ 18	
28 Wenc.							Td ♃ ♀
29 Michael.					△ 4		
30	18 ☌ 57		△ 2	☌ 13			

29 Maria de Est Fff regina nata

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lat. ☾ N	Lat. ☾ D	♄	♅	♂	♀	☿	☊
	D ,	D ,	D ,	D ,	D ,	D ,	D ,	D ,	D ,	D ,
1	18 13	20 39	3 26	20 50	9 30	15 13	29 56	12 3	4 36	
2	19 13	2♑48	2 34	20 57	9 38	15 53	1♐ 6	12 27	4 33	
3 ☉	20 13	14 47	1 35	21 4	9 45	16 33	2 16	12 45	4 30	
4	21 12	26 39	0 32	21 11	9 53	17 33	3 26	12 56	4 26	
5	22 12	8♒26	0 35	21 19	10 1	17 53	4 36	12 59	4 23	
6	23 12	20 13	1 39	21 26	10 9	18 33	5 46	12 R54	4 20	
7	24 12	2♓ 5	2 33	21 33	10 16	19 13	6 55	12 40	4 16	
8	25 11	14 0	3 26	21 41	10 24	19 53	8 5	12 11	4 13	
9	26 11	26 13	4 11	21 48	10 31	20 33	9 15	11 43	4 10	
10 ☉	27 11	8♈43	4 53	21 55	10 39	21 13	10 25	10 59	4 7	
11	28 11	21 39	5 4	22 2	10 46	21 54	11 34	10 4	4 4	
12	29 11	4♉59	5 Dio	22 10	10 52	22 34	12 43	9 0	4 1	
13	0♍11	18 49	5 0	22 17	10 59	23 14	13 52	7 48	3 57	
14	1 11	3♎ 0	4 31	22 24	11 6	23 54	15 1	6 33	3 54	
15	2 11	17 44	3 39	22 32	11 12	24 35	16 10	5 14	3 51	
16	3 11	2♍43	2 35	22 39	11 17	25 15	17 19	3 54	3 48	
17 ☉	4 11	17 52	1 19	22 47	11 23	25 56	18 28	2 37	3 45	
18	5 11	2♐47	0 N 2	22 54	11 29	26 36	19 37	1 26	3 42	
19	6 11	17 38	1 23	23 1	11 35	27 17	20 46	0 21	3 38	
20	7 12	2♑14	2 37	23 8	11 40	27 58	21 54	29 24	3 35	
21	8 12	16 31	3 44	23 15	11 45	28 39	23 2	28 36	3 32	
22	9 12	0♒25	4 28	23 22	11 50	29 20	24 10	27 57	3 29	
23	10 13	13 58	4 58	23 29	11 55	0♎ 0	25 18	27 28	3 26	
24 ☉	11 13	27 10	5 14	23 36	12 0	0 40	26 26	27 11	3 23	
25	12 13	10♓ 3	5D 13	23 43	12 5	1 21	27 34	27 2	3 19	
26	13 14	22 45	4 56	23 50	12 9	2 2	28 42	27Di. 1	3 16	
27	14 14	5♈10	4 24	23 57	12 14	2 42	29 49	27 8	3 13	
28	15 15	17 26	3 42	24 4	12 18	3 23	0♑56	27 26	3 10	
29	16 15	29 33	2 51	24 11	12 21	4 4	2 3	27 51	3 7	
30	17 16	11♉23	1 52	24 18	12 26	4 45	3 10	28 25	3 4	
31 ☉	18 16	23 2	0 48	24 25	12 30	5 26	4 17	29 9	3 0	

The Latitude of the Planets.

D.	N	A	N	A	N	D	S	A	♀	A
1	2	16	0	31	0	39	1	50	3	16
2	2	D16	0	32	0	37	2	6	3	2
11	2	16	0	33	0	34	2	18	2	12
16	2	17	0	34	0	32	2	32	0	N 43
21	2	1	0	35	0	30	2	42	0	49
26	2	17	0	36	0	27	2	48	1	55

Old-Style.	The Lunar Aspects. ☉	♄	♃	♂	♀	☿	The *Planets* mutuall Aspects.
		Occid	Orient	Orient	Occid	Occid.	
1		☌ c					
2 Leodeg.			□ 14			☌ 29	
3 ☾ 17 p. Tri.							
4 Francisc.		Orient.					☌☉♄ ☌☉♃
5							(☾ Apog. ♌
6 Fides	△ 7	△ 2	✶ 3	△ 20	15 ☌		
7						△ 20	
8		□ 15		□ 12			
9 Dionys.	23□56						(☍ ☿ ☿
10 ☾ 18 p. Tri.			☍ 4		△ 3	□ 4	△♃☿5 □♃☿8
11 Burchart.	✶ 13	✶ 1		✶ c			☌ ♄☌6
12 Colman.					□ 14	✶ 6	☌♃ ☌♂
13							
14			✶ 13		✶ 21		
15 Hedwig.		☌ 8		☌ 11			
16 Gallus	o☌48		□ 14			☌ 2	☌☉☿7
17 ☾ 19 p. Tri.						Orient.	
18 Lucas			△ 14				♌.☾ perig.
19 Ptolem.		✶ 9		✶ 16	☌ 5	✶ 20	
20	✶ 9						☌☌☿23
21		□ 12		□ 22		□ 20	✶♄☿5
22 Cordula.	16□50		☌ 20				
23 Severin.		△ 18			✶ 22		(21
24 ☾ 20 p. Tri.				△ 7		△ 0	✶☿☿14□☉♃
25 Crispin.	△ 5						
26 Amand					□ 12		
27			△ 14				
28		☌ 13				☌ 20	
29				☌ 9	△ 5		
30	12☌50		□ 2				
31 ☾ 21 p. Tri.							☾ Apog. ♌

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lati. ☾	♄	♅	♂	♀	☿	♃
	♏	♊	S ♌	♑	♌	♏	♍	♑	♐
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	19 17	5 13	0 17	24 32	12 34	6 7	5 22	29 59	2 58
2	20 17	17 2	1 21	24 38	12 38	6 48	6 28	0♏56	2 54
3	21 18	28 54	2 23	24 45	12 41	7 29	7 34	1 58	2 51
4	22 19	10♋47	3 18	24 52	12 44	8 10	8 40	3 6	2 48
5	23 19	22 50	4 6	24 58	12 47	8 51	9 46	4 20	2 44
6	24 20	5♌ 4	4 42	25 5	12 50	9 32	10 52	5 31	2 41
7 ☉	25 21	17 34	5 6	25 12	12 52	10 13	11 58	7 1	52 38
8	26 22	0♍26	5D 17	25 19	12 54	10 54	13 3	8 25	2 35
9	27 22	13 37	5 11	25 25	12 56	11 35	14 8	9 50	2 32
10	28 23	27 16	4 47	25 32	12 58	12 16	15 13	11 16	2 29
11	29 24	11♎23	4 5	25 38	13 0	12 57	16 18	12 43	2 25
12	0♐25	25 55	3 8	25 45	13 1	13 38	17 22	14 1	2 21
13	1 26	10♍48	1 57	25 51	13 3	14 19	18 26	15 42	2 19
14 ☉	2 27	25 54	0 36	25 58	13 4	15 1	19 30	17 12	2 16
15	3 28	11♐ 5	0N47	26 4	13 5	15 53	20 33	18 43	2 13
16	4 29	26 11	2 8	26 11	13 6	16 26	21 36	20 15	2 10
17	5 30	11♑ 5	3 19	26 17	13 R 6	17 7	22 39	21 47	2 6
18	6 31	25 29	4 25	26 23	13 6	17 49	23 41	23 19	2 3
19	7 32	9♒50	4 53	26 30	13 5	18 31	24 43	24 51	2 0
20	8 33	23 32	5 13	26 36	13 5	19 12	25 46	26 23	1 57
21 ☉	9 34	6♓49	5D 16	26 42	13 5	19 54	26 48	27 55	1 54
22	10 35	19 43	5 3	26 48	13 4	20 36	27 50	29 28	1 1
23	11 36	2♈15	4 35	26 54	13 3	21 18	28 51	1♐ 1	1 47
24	12 37	14 32	3 55	27 0	13 2	21 59	29 52	2 34	1 44
25	13 38	26 37	3 6	27 6	13 1	22 41	0♒ 2	4 7	1 41
26	14 39	8♉31	2 9	27 11	13 0	23 23	1 51	5 40	1 38
27	15 41	20 20	1 6	27 17	12 58	24 4	2 49	7 13	1 35
28 ☉	16 42	2♊ 9	0 1	27 22	12 57	24 46	3 47	8 47	1 31
29	17 43	14 0	1 S 3	27 28	12 55	25 28	4 45	10 21	1 28
30	18 44	25 52	2 6	27 33	12 52	26 10	5 41	11 55	1 25

The Latitude of the Planets.

Dates	N	E	N	A	N	D	☽	D	N	A
1	2	18	0	38	0	24	2	54	2	D 18
6	2	18	0	39	0	21	2	56	2	7
11	2	19	0	40	0	18	2	54	1	40
16	2	19	0	41	0	15	2	49	1	5
21	2	20	0	42	0	12	2	39	0	S 30
26	2	20	0	43	0	9	2	26	0	

Old-Style.	The Lunar Aſpects. ☉	♄	♃	♂	♀	☿	The *Planets* mutuall Aſpects.
		Orient.	Orient.	Orient.	Occid.	Orient.	
1 All Saints			✶ 15				✶♂♀19Bq♃♀(
2 Animaru		△ 16					
3 Theophil.				△ 18	♂ 19	△ 7	(Q♄♀. ☿El.m.
4							
5	△ 1	□ 4					SS ☉♄
6 Leonhard			♂ 15	□ 9		□ 1	
7 ☾ 22p. Trin	15□46	✶ 14					Vc ♃♀
8				✶ 20		✶ 16	
9 Theod.					△ 1		(5.♂.♂ ☿7
10	✶ 2						
11			✶ 3		□ 8		□♃♂2□♃☿(
12		♂ 0					Td ☉ ♃
13			□ 3	♂ 6	✶ 13	♂ 8	
14 ☾ 23 p. Tri.	♂11 5						☾Ω.☾ Perig.
15 Leopold.			△ 3				
16		✶ 0					
17				✶ 10	♂ 20	✶ 19	
18	✶ 20	□ 11					✶♀☿18
19 Elizabeth			♂ 6	□ 16			
20		△ 5				□ 6	□♄♀21.SS♄☿
21 ☾ 24p. Tri.	□ 5 34						
22 Cæcilia				△ 2	✶ 17	△ 21	♀ in Elon. max.
23 Clemens	△ 20		△ 21				Td ♃ ☿
24							△☉ ♃10
25		♂ 1			□ 9		
26 Conrad.			□ 9				
27				♂ 8			☾♍
28 ☾ 1 Advent			✶ 22		△ 3	♂ 15	☾ Apog.
29 Saturn	♂8 13						
30 Andrew		△ 4					△♃☿ 14

The Diurnall Motion of the Planets.

Daies.	☉		☾		Lati. ☾		♄		♅		♂		♀		☿		Ω	
	♐		♋		S	A	♎		♑		♍		♏		♐		♐	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	19	45	7	50	3	3	27	38	12	50	26	52	6	47	13	29	1	22
2	20	47	19	54	3	53	27	44	12	47	27	34	7	38	15	3	1	19
3	21	48	2♌	9	4	32	27	49	12	4	28	16	8	35	16	37	1	16
4	22	49	14	0	4	59	27	54	12	41	28	59	9	32	18	11	1	13
5 ☉	23	51	27	5	5	☊13	27	59	12	3	29	41	10	28	19	46	1	10
6	24	52	9♍	59	5	13	28	4	12	3	0♐	23	11	22	21	21	1	7
7	25	53	22	59	4	55	28	9	12	30	1	6	12	14	22	57	1	4
8	26	54	6♎	38	4	19	28	14	12	27	1	48	13	6	24	32	0	59
9	27	55	20	23	3	29	28	19	12	23	2	30	13	59	26	7	0	56
10	28	56	4♏	41	2	25	28	24	12	19	3	13	14	51	27	42	0	53
11	29	57	19	20	1	11	28	29	12	15	3	55	15	43	29	17	0	50
12 ☉	0♑	59	4♐	10	0	N10	28	33	12	11	4	38	16	43	0♑	52	0	47
13	2	0	19	16	1	30	28	38	12	6	5	20	17	24	2	28	0	44
14	3	1	4♑	21	2	46	28	42	12	1	6	3	18	12	4	4	0	40
15	4	3	19	18	3	49	28	47	11	56	6	46	18	59	5	40	0	37
16	5	4	4♒	1	4	34	28	51	11	51	7	28	19	45	7	16	0	34
17	6	5	18	21	5	1	28	55	11	46	8	11	20	30	8	52	0	31
18	7	7	2♓	13	5	D10	28	59	11	41	8	54	21	14	10	28	0	28
19 ☉	8	8	15	38	5	1	29	3	11	36	9	37	21	57	12	5	0	25
20	9	9	28	36	4	37	29	7	11	30	10	20	22	38	13	42	0	21
21	10	11	11♈	10	4	0	29	11	11	24	11	3	23	19	15	19	0	18
22	11	12	23	25	3	13	29	14	11	18	11	45	23	59	16	57	0	15
23	12	13	5♉	22	2	17	29	18	11	12	12	29	24	37	18	35	0	12
24	13	15	17	14	1	18	29	22	11	5	13	12	25	13	20	13	0	9
25	14	16	29	5	0	S16	29	25	10	59	13	55	25	47	21	51	0	6
26 ☉	15	17	10♊	47	0	48	29	28	10	52	14	38	26	19	23	30	0♑	2
27	16	18	22	37	1	50	29	31	10	46	15	21	26	48	25	9	29	59
28	17	20	4♋	38	2	47	29	34	10	39	16	5	27	17	26	48	29	55
29	18	21	16	43	3	38	29	37	10	32	16	48	27	44	28	27	29	53
30	19	22	29	2	4	19	29	39	10	25	17	31	28	9	0♒	7	29	50
31	20	23	11♋	31	4	49	29	42	10	19	18	14	28	33	1	47	29	47

The Latitude of the Planets.

Daies.	N	D	N	A	N	D	S	D	S	A
1	2	21	0	44	0	6	2	8	0	38
6	2	22	0	46	0	3	1	37	1	7
11	2	24	0	47	0	S	0	1	8	1	30
16	2	25	0	48	0	3	0	47	1	51
21	2	26	0	49	0	6	0	10	2	D 5
26	2	27	0	50	0	10	0	N53	2	7

Old-Style.	The Lunar Aspects.						The *Planets* mutuall Aspects.
	☉	♄ Orient.	♃ Orient.	♂ Orient.	♀ Occid.	☿ Orient.	
1 2		□ 15		△ 16			SS ♄ ♂
3 Cassian 4 Barbara	△ 17		☌ 21		☍ 13	△ 8	
5 ☾ 2 Advent 6 Nicholaus		✶ 2		□ 5		□ 23	Td ♃ ♂
7 8 Concept. Ma.	□ 5 30		✶ 10	✶ 15	△ 13		☍ ♃ ♀ 7
9 10	✶ 14	☌ 13	□ 12		□ 17	✶ 10	✶ ☉ ♄ 10 ✶ ♄ ☿ 11
11 Damascus 12 ☾ 3 Advent			△ 13	☌ 1	✶ 21	Occid.	☾ ☊ Q ♂ ♀. ☌ ☉ ☿ 5 ☾
13 Lucia 14 Nicasius	21 ☌ 46	✶ 15				☌ 23	☾ Perig.
15 16		□ 15	☍ 0	✶ 7			Bq ♃ ☿ SS ♂ ☿. Bq ☉ ♃
17 Lazarus 18 Christo.	✶ 10	△ 19		□ 13	☌ 4	✶ 17	Q ♄ ☿. Vc ♃ ☿
19 ☾ 4 Advent 20	21 □ 58						
21 Thō. Ap. 22 Theod.		☍ 12	△ 12	△ 0	✶ 1	□ 9	△ ♃ ♂ 10 Vc ☉ ♃ Q ☉ ♄
23 24 Adam & Eve	△ 15		□ 12		□ 17	△ 7	SS ☉ ♂
25 Nat. D. 26 ☾ Stephen			✶ 0	☍ 8			☾ ☋ ☾ Apog.
27 Joh. Evan 28 Innocents		△ 14			△ 8		SS ♀ ☿
29 30 David	☍ 3 28	□ 1	☌ 22			☍ 2	□ ♄ ☿ 17
31 Sylvest				△ 14			

The Diurnall Motion of the Planets.

Daies.	☉	☾	Lati. ☾	♄	♃	♂	♀	☿	☊
	♐	♋	S A	♎	♑	♍	♏	♐	♐
	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′	D ′
1	19 45	7 50	3 3	27 38	12 50	26 52	6 47	13 29	I 22
2	20 47	19 54	3 53	27 44	12 47	27 34	7 38	15 3	I 19
3	21 48	2♌ 9	4 32	27 49	12 4	28 16	8 35	16 37	I 16
4	22 49	14 3 0	4 59	27 54	12 4	8 59	9 32	18 11	I 13
5 ☉	23 51	27 5	5 ♑13	27 59	12 3	29 41	10 28	19 46	I 10
6	24 52	9♍59	5 13	28 4	12 3	0♐23	11 22	21 21	I 7
7	25 53	22 59	4 55	28 9	12 3	I 6	12 14	22 57	I 4
8	26 54	6♎38	4 19	28 14	12 27	I 48	13 6	24 32	0 59
9	27 55	20 23	3 29	28 19	12 23	2 30	13 59	26 7	0 56
10	28 56	4♏41	2 25	28 24	12 19	3 13	14 51	27 42	0 53
11	29 57	19 20	I 11	28 29	12 15	3 55	15 43	29 17	0 50
12 ☉	0♍59	4♐10	0N 10	28 33	12 11	4 38	16 43	0♍52	0 47
13	2 0	19 16	I 30	28 38	12 6	5 20	17 24	2 28	0 44
14	3 I	4♑21	2 46	28 42	12 I	6 3	18 12	4 4	0 40
15	4 3	19 18	3 49	28 47	11 56	6 46	18 59	5 40	0 37
16	5 4	4♒ I	4 34	28 51	11 51	7 28	19 45	7 16	0 34
17	6 5	18 21	5 I	28 55	11 46	8 11	20 30	8 52	0 31
18	7 7	2♓13	5D 10	28 59	11 41	8 54	21 14	10 28	0 28
19 ☉	8 8	15 38	5 1	29 3	11 36	9 37	21 57	12 5	0 25
20	9 9	28 36	4 37	29 7	11 30	10 20	22 38	13 42	0 21
21	10 11	11♈10	4 0	29 11	11 24	11 3	23 19	15 19	0 18
22	11 12	23 25	3 13	29 14	11 18	11 45	23 59	16 57	0 15
23	12 13	5♉22	2 17	29 18	11 12	12 29	24 37	18 35	0 12
24	13 15	17 14	I 18	29 22	11 5	13 12	25 13	20 13	0 9
25	14 16	29 5	0S 16	29 25	10 59	13 55	25 47	21 51	0 6
26 ☉	15 17	10♊47	0 48	29 28	10 52	14 38	26 19	23 30	cm 2
27	16 18	22 37	I 50	29 31	10 46	15 21	26 48	25 9	29 59
28	17 20	4♋38	2 47	29 34	10 39	16 5	27 17	26 48	29 56
29	18 21	16 43	3 38	29 37	10 32	16 48	27 44	28 27	29 53
30	19 22	29 2	4 19	29 39	10 25	17 31	28 9	0♎ 7	29 50
31	20 23	11♌31	4 49	29 42	10 19	18 14	28 33	I 47	29 47

The Latitude of the Planets.

Daies	N D	N A	N D	S D	S A
1	2 21	0 44	0 6	2 8	0 38
6	2 22	0 46	0 3	I 37	I 7
11	2 24	0 47	0S 0	I 8	I 30
16	2 25	0 48	0 3	0 47	I 51
21	2 26	0 49	0 6	0 10	2D 5
26	2 27	0 50	0 10	0N 53	2 7

Diurnally hyeons

Old-Style.	The Lunar Aſpects. ☉	♄ Orient.	♅ Orient.	♂ Orient.	♀ Occid.	☿ Orient.	The *Planets* mutuall Aſpects.
1							
2		□ 15		△ 16			☌☌ ♄ ♂
3 Caſſian							
4 Barbara	△ 17		☌ 21		☌ 13	△ 8	
5 ☾ 2 Advent							
6 Nicholaus		✶ 2		□ 5		□ 23	☽d ♅ ♂
7							☌ ♅ ☿ 7
8 Concept. Ma.	□♄ 30		✶ 10	✶ 15	△ 13		
9							✶ ☉ ♄ 10
10	✶ 14	☌ 13	□ 12		□ 17	✶ 10	✶ ♄ ☿ 11
11 Damaſcus							☾☊
12 ☾ 3 Advent			△ 13	☌ 1	✶ 21	Occid.	☾☌ ☿.☌ ☉ ☿ 5 ☾
13 Lucia	21☌ 46	✶ 15				☌ 23	(☾ Perig.
14 Nicaſius							
15		□ 15					☽q ♅ ☿
16			☌ 0	✶ 7			☌☌ ☾☌ ☿.☽q ☉ ♅
17 Lazarus		△ 19			☌ 4		
18 Chriſto.	✶ 10			□ 13		✶ 17	☾ ♄ ☿.♀ ♂ ♅ ☿
19 ☾ 4 Advent							
20	21□ 58						
21 Thō. Ap.			△ 12	△ 0		□ 9	△ ♅ ♂ 10
22 Theod.		☌ 12			✶ 1		♀ ☉ ♅ ☾ ☉ ♄
23	△ 15		□ 12				☌☌ ☉ ♂
24 Adam & Eve					□ 17	△ 7	
25 Nat. D.							☾ ♉
26 ☾ Stephen			✶ 0	☌ 8			☾ Apog.
27 Joh. Evan		△ 14			△ 8		
28 Innocents							☌☌ ☿ ☿
29	☌3 28						□ ♄ ☿ 17
30 David		□ 1	☌ 22			☌ 2	
31 Sylveſt				△ 14			

The Radices of the middle motions of the Planets January 1, 1658. *at noone, in the Meridian of* London, *according to* HARMONICON COELESTE.

	S	D	′	″
The progression of the first ✶ of ♈ from the Vernall Equinox.	00	28	25	23
The meane Longitude of the ☉	9	21	8	30
The Aphelion of the ☉	3	6	42	1
The meane Longitude of the ☾	0	20	5	34
The Aphelion of the ☾	0	28	35	29
The Node ascend. of ☾	8	19	3	32
The meane motion of ♄	6	5	49	31
The Aphelion of ♄	8	27	16	17
The Node ascend. of ♄	3	21	6	51
The meane motion of ♃	3	1	28	34
The Aphelion of ♃	6	8	51	26
The Node ascend. of ♃	3	5	38	21
The meane motion of ♂	1	27	53	35
The Aphelion of ♂	5	00	9	15
The Node ascend. of ♂	1	17	24	55
The meane motion of ♀	7	18	6	15
The Aphelion of ♀	10	5	14	28
The Node ascend. of ♀	2	13	33	36
The meane motion of ☿	10	6	19	1
The Aphelion of ☿	8	14	27	27
The Node ascend. ☿	1	13	55	30

End of the Ephemeris *for the year of the Christian Æra* 1658.

The end of the first Part.

FINIS.

AN

EPHEMERIDES

OF THE

Cœleſtial Motions for XIII Years.

Beginning *Anno* 1659. ending *Anno* 1671.

Diligently calculated according to the Doctrine of ASTRONOMIA INSTAURATA, and applied to the *Horizon* of the moſt famous City of LONDON.

Whoſe { Longitude / Latitude } is { 24d 20′ / 51 32 }

With a brief INTRODUCTION for the Uſe thereof.

By VINCENT WING, *Mathemat.*

Ῥᾴων μωμήσασθαι ἢ μιμήσασθαι.

Naturam omnia ordinatè facere, ac præſertim in Cælo. Naturam à ſuperfluis abhorrere. Naturam ubique compendium amare. Naturam nihil fruſtra facere.

LONDON,
Printed by R. & W. LEYBOURN, for the Company of STATIONERS, 1658.

The Diurnall Motion of the Planets.

Daies.	☉		☾		Lati. ☾		♄		♅		♂		♀		☿		☊	
	♐		♋		S	A	♑		♌		♍		♏		♐		♐	
	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′	D	′
1	19	45	7	50	3	3	27	38	12	50	26	52	6	47	13	29	1	22
2	20	47	19	54	3	53	27	44	12	47	27	34	7	38	15	3	1	19
3	21	48	2♌	9	4	32	27	49	12	4	28	16	8	35	16	37	1	16
4	22	49	14	0	4	59	27	54	12	41	28	59	9	32	18	11	1	13
5 ☉	23	51	27	5	5	D 13	27	59	12	3	29	41	10	28	19	46	1	10
6	24	52	9♍	59	5	13	28	4	12	3	0♐	23	11	22	21	21	1	7
7	25	53	22	59	4	55	28	9	12	3	1	6	12	14	22	57	1	4
8	26	54	6♎	38	4	19	28	14	12	27	1	48	13	6	24	32	0	59
9	27	55	20	23	3	29	28	19	12	23	2	30	13	59	26	7	0	56
10	28	56	4♍	41	2	25	28	24	12	19	3	13	14	51	27	42	0	53
11	29	57	19	20	1	11	28	29	12	15	3	55	15	43	29	17	0	50
12 ☉	0♑	59	4♐	10	0	N 10	28	33	12	11	4	38	16	43	0♑	52	0	47
13	2	0	19	16	1	30	28	38	12	6	5	20	17	24	2	28	0	44
14	3	1	4♑	21	2	46	28	42	12	1	6	3	18	12	4	4	0	40
15	4	3	19	18	3	49	28	47	11	56	6	46	18	59	5	40	0	37
16	5	4	4♒	1	4	34	28	51	11	51	7	28	19	45	7	16	0	34
17	6	5	18	21	5	1	28	55	11	46	8	11	20	30	8	52	0	31
18	7	7	2♓	13	5	D 10	28	59	11	41	8	54	21	14	10	28	0	28
19 ☉	8	8	15	38	5	1	29	3	11	36	9	37	21	57	12	5	0	25
20	9	9	28	36	4	37	29	7	11	30	10	20	22	38	13	42	0	21
21	10	11	11♈	10	4	0	29	11	11	24	11	3	23	19	15	19	0	18
22	11	12	23	25	3	13	29	14	11	18	11	45	23	59	16	57	0	15
23	12	13	5♉	22	2	17	29	18	11	12	12	29	24	37	18	35	0	12
24	13	15	17	14	1	18	29	22	11	5	13	12	25	13	20	13	0	9
25	14	16	29	5	0	S 16	29	25	10	59	13	55	25	47	21	51	0	6
26 ☉	15	17	10♊	47	0	48	29	28	10	52	14	38	26	19	23	30	♋	2
27	16	18	22	37	1	50	29	31	10	46	15	21	26	48	25	9	29	59
28	17	20	4♋	38	2	47	29	34	10	39	16	5	27	17	26	48	29	56
29	18	21	16	43	3	38	29	37	10	32	16	48	27	44	28	27	29	53
30	19	22	29	2	4	19	29	39	10	25	17	31	28	9	0♒	7	29	50
31	20	23	11♋	31	4	49	29	42	10	19	18	14	28	33	1	47	29	47

The Latitude of the Planets.

Daies	N	D	N	A	N	D	S	D	S	A
1	2	21	0	44	0	6	2	8	0	38
6	2	22	0	46	0	3	1	37	1	7
11	2	24	0	47	0	S 0	1	8	1	30
16	2	25	0	48	0	3	0	47	1	51
21	2	26	0	49	0	6	0	10	2	D 5
26	2	27	0	50	0	10	0	N 53	2	7

Diurnally hyeons

Old-Style.	The Lunar Aſpects. ☉	♄	♃	♂	♀	☿	The *Planets* mutuall Aſpects.
		Orient.	Orient.	Orient.	Occid.	Orient.	
1							
2		□ 15		△ 16			☌☌ ♄ ♂
3 Caſſian			♂ 21		♂ 13		
4 Barbara	△ 17					△ 8	
5 ☾ 2 Advent		✶ 2		□ 5			
6 Nicholaus						□ 23	☽ ♃ ♂
7							♂ ♃ ☿ 7
8 Concept. Ma.	□☌ 30		✶ 10	✶ 15	△ 13		
9	✶ 14	♂ 13				✶ 10	✶ ☉ ♄ 10
10			□ 12		□ 17		✶ ♄ ☿ 11
11 Damaſcus							☾ ☊
12 ☾ 3 Advent			△ 13	♂ 1	✶ 21	Occid.	☊ ☿ . ♂ ☉ ☿ ☍ ☾
13 Lucia	21 ♂ 46	✶ 15				♂ 23	(☾ Perig.
14 Nicaſius							
15		□ 15					☽ ☿
16			☌ 0	✶ 7			☌☌ ♂ ☿ . ☽ ☉ ♃
17 Lazarus		△ 19			♂ 4		
18 Chriſto.	✶ 10			□ 13		✶ 17	☊ ♄ ☿ . ♀ ♃ ☿
19 ☾ 4 Advent							
20	21 □ 58						
21 Thō. Ap.			△ 12	△ 0		□ 9	△ ♃ ♂ 10
22 Theod.		☌ 12			✶ 1		♀ ☉ ♃ ☊ ☉ ♄
23	△ 15		□ 12			△ 7	☌☌ ☉ ♂
24 Adam & Eve					□ 17		
25 Nat. D.							☾ ♈
26 ☾ Stephen			✶ 0	☌ 8			☾ Apog.
27 Joh. Evan		△ 14			△ 8		
28 Innocents							☌☌ ♀ ☿
29	☌ 3 28	□ 1	♂ 22			☌ 2	□ ♄ ☿ 17
30 David							
31 Sylveſt				△ 14			

The Radices of the middle motions of the Planets January 1, 1658. *at noone, in the Meridian of* London, *according to* HARMONICON COELESTE.

	S	D	′
The progreſſion of the firſt ✱ of ♈ from the Vernall Equinox.	00	28	25
The meane Longitude of the ☉	9	21	8
The Aphelion of the ☉	3	6	42
The meane Longitude of the ☾	0	20	5
The Aphelion of the ☾	0	28	35
The Node aſcend. of ☾	8	19	3
The meane motion of ♄	6	5	49
The Aphelion of ♄	8	27	16
The Node aſcend. of ♄	3	21	6
The meane motion of ♃	3	1	28
The Aphelion of ♃	6	8	51
The Node aſcend. of ♃	3	5	38
The meane motion of ♂	1	27	53
The Aphelion of ♂	5	00	9
The Node aſcend. of ♂	1	17	24
The meane motion of ♀	7	18	6
The Aphelion of ♀	10	5	14
The Node aſcend. of ♀	2	13	33
The meane motion of ☿	10	6	19
The Aphelion of ☿	8	14	21
The Node aſcend. ☿	1	13	55

End of the Ephemeris *for the year of the Chriſtian Æra* 1658.

The end of the firſt Part.

FINIS.